



The Urban District Council of Stretford.

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# ANNUAL REPORTS

FOR 1905

OF THE

*MEDICAL OFFICER OF HEALTH*

AND

*INSPECTOR OF NUISANCES.*



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# Urban District Council of Stretford.

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## ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR 1905.

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To the Chairman and Members of the Stretford Urban District Council.

GENTLEMEN,

In accordance with the requirements of the Local Government Board I have the honour of presenting to you my Nineteenth Annual Report on the health and sanitary condition of your district during the year ended December 31st, 1905.

Included in the Report is an account of the working of the Factory and Working Acts in the district, in accordance with the requirements of the Home Office, and which makes considerable claim on the time of your sanitary staff.

This Report gives seven tables dealing with the vital statistics of your district. Five of these are required by the Local Government Board, one by the Medical Officer of Health for the County of Lancaster, and one by the Home Office.

Table 1 deals with the vital statistics for the whole district during 1905 and previous years.

Table 2 deals with vital statistics of separate localities in 1905 and previous years.

Table 3 deals with cases of infectious disease notified during the year 1905.

Table 4 deals with causes of, and ages at death, during the year 1905.

Table 5 deals with infant mortality during the year 1905.

Table 6 is a summary of my Report required by the County Medical Officer of Health.

Table 7 is a summary of work done pursuant to the Factory and Workshops Act, 1901.



**TABLE I.**  
**VITAL STATISTICS OF WHOLE DISTRICT DURING 1905 AND**  
**PREVIOUS YEARS.**

YEAR.	Population estimated to Middle of each Year	BIRTHS.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents Registered in Public Insti- tutions in the District.	Deaths of Residents Regis- tered in Public Institutions beyond the District.	DEATHS AT ALL AGES NETT.	
		Number.	Rate. *	Deaths under one year of age.		Deaths at all ages. TOTAL.					Number.	Rate. *
				Number.	Rate per 1000 Births Reg'd	Number.	Rate.*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1895	22500	494	21·9	76	153·8	356	15·7				356	15·7
1896	24500	540	22·0	77	142·5	338	13·7			4	338	13·7
1897	25500	550	21·5	93	169·0	342	13·4			14	342	13·4
1898	27180	567	20·8	74	130·5	346	12·7			17	346	12·7
1899	27540	602	21·8	92	152·8	422	14·7			30	437	15·2
1900	28600	626	21·8	93	148·5	413	14·4			40	468	16·3
1901	30000	611	20·3	88	144·0	401	14·4			59	434	14·4
1902	30900	670	21·6	87	129·8	401	12·9			44	401	12·9
1903	32290	807	24·9	88	109·0	437	13·5			46	437	13·5
1904	34060	742	21·7	85	114·5	402	11·8	2	2	43	443	13·0
Averages for years 1895-1904.	28307	621	22·2	85	136·8	385	13·6	0	0	33†	400	14·1
1905	38750	793	20·4	87	109·7	399	10·3	0	0	59	458	11·8

\* Rates in columns 4, 8, and 13 calculated per 1,000 estimated population.

† Average for nine years.

NOTE.—The deaths included in column 7 of this table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in column 12 are the number in column 7 corrected by the subtraction of the number in column 10 and the addition of the number in column 11.

By the term “Non-residents” is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term “Residents” is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The “Public Institutions” to be taken into account for the purposes of these tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses, and lunatic asylums. A list of the institutions in respect of the deaths in which corrections have been made should be given on the back of this table.

Area of District in acres (exclusive of area covered by water), 3,248.

Total population of all ages at Census of 1901 : 30,436.

Number of inhabited houses „ „ 6,251

Average number of persons per house „ „ 4·8

COMPARATIVE TABLE OF LIFE STATISTICS, 1905.

Below is a table comparing the Birth Rate, Death Rate, and Infant Mortality of Stretford with those of 76 great towns and 141 smaller towns in England and Wales.

	Birth Rate.	Death Rate.	Infantile Death Rate.
76 Great Towns .....	28·2	15·7	140
141 Smaller Towns .....	26·9	14·4	132
<b>Stretford .....</b>	<b>20·4</b>	<b>11·8</b>	<b>109</b>

I.	II.	III.
Institutions within the District receiving sick and infirm persons from outside the District.	Institutions outside the District receiving sick and infirm persons from the District.	Other Institutions, the deaths in which have been distributed among the several localities in the District
NONE.	Manchester Royal Infirmary  Salford Royal Hospital.  Patricroft Union Hospital and Workhouse.  Mauldeth Hospital for Incurables. Cancer Hospital, Manchester.  Manchester Ear Hospital  Southern Hospital, Manchester  St. Mary's Hospital, Manchester.  Ladywell Sanatorium, Salford.  Smallpox Hospital, Prestwich.	York Place  Nelson House  Liverpool Workhouse  Haydock Asylum

Is the Union Workhouse within the District ?—No.  
Are the deaths of persons not belonging to the District occurring in the Public Institutions allocated to the District to which they belong ?—Yes.



DEATHS REGISTERED WITHIN THE DISTRICT.

The above Table gives the vital statistics of your district for the year 1905.

Column 7 shows that 399 deaths have occurred within the district during the past year, which is equal to a death rate of 10.3, as stated in column 8 ; this is the lowest death rate on record. It may be of interest to observe that in 1875 (the year the Public Health Act was passed) the vital statistics showed the death rate to be 20.5, with a population of only 12,000

Included in the above number of deaths are those of 14 persons belonging to other districts, which, if excluded, reduces the death rate to a little over 9.5.

NETT DEATHS.

To the 399 deaths registered within the district are to be added 59 (see column 11) which have taken place in Public Institutions without the district, which makes the nett total 458 deaths as shown by column 12, and as will be seen from column 13 the nett death rate is 11.8, which is also a record.

CORRECTED DEATH RATE.

To show the actual death rate of the district 14 deaths have to be deducted as being those of persons belonging to other districts, and which reduces the deaths to 444, equal to a death rate of 11.4, which would also be a record.

DEATHS IN PUBLIC INSTITUTIONS.

The 59 deaths which took place in Public Institutions outside your district are as follows :—

	MALES.	FEMALES	TOTAL.
Barton Union Workhouse .. .. .	18	10	28
Ladywell Sanatorium .. .. .	6	3	9
Salford Hospital .. .. .	3	0	3
Manchester Infirmary .. .. .	5	3	8
Manchester Ear Hospital .. .. .	1	0	1
Manchester Southern Hospital .. .. .	0	1	1
Manchester St. Mary's Hospital.. .. .	0	1	1
Manchester Cancer Hospital .. .. .	0	2	2
Manchester, York Place .. .. .	1	0	1
Manchester, Nelson House .. .. .	1	0	1
Liverpool Union Workhouse .. .. .	1	0	1
Haydock Asylum .. .. .	0	1	1
Total .. .. .	36	21	57
Registered in wrong District .. .. .	1	1	2
Grand Total ..	37	22	59

## CAUSES OF DEATHS IN PUBLIC INSTITUTIONS.

The following deaths have taken place in Public Institutions without the district of persons belonging to this district during 1905.

WHERE DIED	INSTITUTION.	M.	F.	CAUSE OF DEATH.	T'TL
Manchester	Royal Infirmary ..	1	..	Appendicitis .. ..	1
Do.	Do.	1	..	Growth in Rectum	1
Do.	Do.	..	1	Gangrene of Foot and Knee .. ..	1
Do.	Do.	1	..	Fall from bicycle. Injuries.	1
Do.	Do.	1	..	Diabetic Coma.. ..	1
Do.	Do.	..	1	Carcinoma .. ..	1
Do.	Do.	1	..	Accident .. ..	1
Do.	Do.	..	1	Erysipelas .. ..	1
Do.	Ear Hospital .. ..	1	..	Otitis .. ..	1
Do.	Southern Hospital	..	1	Uterus, Disease of..	1
Do.	St. Mary's Hospital	..	1	Premature Birth ..	1
Do.	Cancer Hospital ..	..	1	Carcinoma .. ..	1
Do.	Do.	..	1	Sarcoma .. ..	1
Do.	York Place .. ..	1	..	Intestinal Disease ..	1
Do.	Nelson House ..	1	..	Appendicitis .. ..	1
Salford ..	Ladywell Sanator'm	2	2	Scarlet Fever .. ..	4
Do.	Do.	3	1	Typhoid Fever .. ..	4
Do.	Do.	1	..	Diphtheria .. ..	1
Do.	Royal Hospital ..	1	..	Accident .. ..	1
Do.	Do.	1	..	Phthisis .. ..	1
Do.	Do.	1	..	Pneumonia .. ..	1
Patricroft	Workhouse .. ..	3	3	Morbus Cordis .. ..	6
Do.	Do.	5	..	Cerebral Apoplexy ..	5
Do.	Do.	2	..	Phthisis .. ..	2
Do.	Do.	1	..	Paralysis .. ..	1
Do.	Do.	2	2	Senectus .. ..	4
Do.	Do.	1	1	Cancer .. ..	2
Do.	Do.	..	1	Bronchitis.. ..	1
Do.	Do.	..	2	Rheumatism .. ..	2
Do.	Do.	1	..	Lateral Sclerosis ..	1
Do.	Do.	1	..	Enteritis .. ..	1
Do.	Do.	1	..	Marasmus .. ..	1
Do.	Do.	1	..	Sarcoma .. ..	1
Do.	Do.	1	..	Pernicious Anaemia .	1
Liverpool ..	Workhouse .. ..	1	..	Kala Azar .. ..	1
Haydock ..	Asylum .. ..	..	1	Brain Disease .. ..	1
		37	20		57
Registered	in wrong District ..	1	1		2
		38	21		59

COUNTY OF LANCASTER.

TABLE II.

VITAL STATISTICS OF SEPARATE LOCALITIES IN 1905 AND PREVIOUS YEARS.

Name of Localities.	1 STRETTFORD.				2 LONGFORD.				3 TALBOT.				4 TRAFFORD.				5 CORNBROOK.				6 CLIFFORD.				7 TOTALS.			
	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
Year	a	b	c	d	a	b	c	d	a	b	c	d	a	b	c	d	a	b	c	d	a	b	c	d	a	b	c	d
1895	4239	108	64	19	2391	52	44	10	1409	16	14	3	3357	73	62	7	3528	61	54	10	7576	184	118	27	22500	494	356	76
1896	4454	106	49	16	2651	62	36	12	1574	10	18	.	5342	115	63	9	3803	70	67	20	7576	177	104	20	24500	540	338	77
1897	4554	99	61	26	2651	52	27	7	1574	14	11	2	5342	138	81	20	3803	81	44	9	7576	166	101	29	25000	550	342	93
1898	4850	110	61	13	2800	56	38	6	2100	24	19	2	6000	144	76	24	3805	64	48	11	7580	166	87	18	27180	567	346	74
1899	3880	96	62	15	2600	61	45	11	2690	47	31	11	7670	164	94	26	3800	75	56	8	6900	159	119	21	27540	602	437	92
1900	4000	107	55	17	2600	54	31	7	3500	74	38	9	7800	159	109	17	3800	82	57	18	6900	148	123	25	28600	626	468	93
1901	4150	101	56	16	2600	45	30	6	4500	112	56	21	8050	155	97	22	3800	68	50	11	6090	130	92	12	30000	611	383	88
1902	4300	122	70	17	2700	70	40	12	4400	140	56	19	8400	133	80	17	4050	55	47	7	7050	150	108	17	30900	670	401	89
1903	4730	116	75	12	2740	71	33	2	5000	191	75	33	8650	189	98	11	4080	82	57	11	7090	158	99	19	32290	807	437	88
1904	5280	146	71	19	2790	68	52	19	5820	194	88	26	8900	144	79	12	4110	59	52	5	7160	131	101	14	34060	742	443	85
Averages of Years 1895 to 1904	4445	111	62	17	2652	59	35	9	3256	82	40	12	7624	155	92	18	4241	76	58	12	7149	172	115	22	30917	681	434	94
1905	6750	141	83	20	2900	76	42	7	7870	199	91	22	9950	160	106	19	3690	63	45	4	7590	154	91	13	38750	793	458	85



NOTES.—(a) The separate localities adopted for this table should be areas of which the populations are obtainable from the census returns, such as wards, parishes, or groups of parishes, or registration sub-districts. Block 1 may, if desired, be used for the whole district ; and blocks 2, 3, &c. for the several localities. In small districts without recognised divisions of known population this table need not be filled up.

(b) Deaths of residents occurring in public institutions beyond the district are to be included in sub-columns **c** of this table, and those of non-residents registered in public institutions in the district excluded. (See note on table 1. as to meaning of terms “resident” and “non-resident.”).

(c) Deaths of residents occurring in public institutions, whether within or without the district, are to be allotted to the respective localities according to the addresses of the deceased.

(d) Care should be taken that the gross totals of the several columns in this table respectively equal the corresponding totals for the whole districts in Tables I. and IV. ; thus, the totals of the sub-columns **a**, **b**, and **c**, should agree with the figures for the year in the columns 2, 3, and 12 respectively of Table I. ; the gross total of the sub-columns **c** should agree with the total of column 2 in Table IV., and the gross total of sub columns **d** with the total of column 3 in Table IV.

### BIRTHS RATE.

Column 3, Table 1, shows that 793 births have been registered during the year under consideration, this is equal to a rate of 20.4 (see column 4). This is the lowest birth rate (except in 1901, when it was 1 point lower) recorded since before 1868.

The birth rate for the year 1904 was 21.7 and the average for the ten years 1895 to 1904 is 22.2.

### INFANTILE DEATH RATE.

During 1905, 87 deaths are recorded of children under 1 year ; this is equal to 109.7 per 1,000 births registered. Last year the death rate was 114.5 (see columns 5 and 6).

### POPULATION.

For statistical purposes I estimated the population for the year 1905 to be 38,750 as against 34,060 for the previous year. By columns 2, table 1, the gradual growth of the district during the past 10 years is recorded as between 1895 and 1904 the population has increased nearly 12,000 and if you take the year 1905, there are more than 16,000 people in your district than in the year 1895.

### ESTIMATED POPULATION FOR 1906.

For statistical purposes I estimate that up to the middle of June the population of your district to be 40,000.

COUNTY OF LANCASTER,  
TABLE III.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1905

Notifiable Disease.	1							2						3					
	Cases notified in whole District.							Total Cases notified in each Locality.						No. of Cases removed to Hospital from each Locality.					
	At Ages +—Years.																		
	At all Ages.	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	Strexford Ward.	Longford Ward.	Talbot Ward.	Trafford Ward.	Cornbrook Ward.	Clifford Ward.	Strexford Ward.	Longford Ward.	Talbot Ward.	Trafford Ward.	Cornbrook Ward.	Clifford Ward.
Small-pox ..	1	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	1
Cholera ..	22	1	5	10	..	6	..	9	..	2	6	2	3	4	..	..	..	2	2
Diphtheria ..	1	1	..	1	..	..	..	3	4	4	5	1	3	..	..	..	..	..	..
Membranous Croup ..	20	1	25	65	23	11	..	11	..	24	37	21	32	1	..	11	20	11	26
Erysipelas ..	125	1	..	..	..	..	..	..	..	..	..	..	..	2	..	3	2	..	4
Scarlet Fever ..	14	..	..	2	4	8	..	..	4	4	3	1	4	..	..	..	..	..	..
Typhus Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Relapsing Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Continued Fever ..	2	..	..	..	..	2	..	..	..	..	..	..	2	..	..	..	..	..	..
Puerperal Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
* ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals ..	185	3	30	78	31	40	3	25	4	34	51	26	45	7	..	14	22	13	33



NOTES.—The localities adopted for this table should be the same as those in tables II. and IV.

State in space below the name of the isolation hospital, if any, to which residents in the district, suffering from infectious disease, are usually sent. Mark (H) the locality in which it is situated, or if not within the district, state where it is situated, and in what district. Mark (W) the locality in which a workhouse is situated.

\* This space may be used for record of other disease the notification (compulsory or voluntary) of which is in force in the district.

‡ These age columns for notification should be filled up in all cases where the Medical Officer of Health, by inquiry or otherwise, has obtained the necessary information.

Isolation Hospital: Ladywell Sanatorium, Salford, and Smallpox Hospital, Prestwich.

Table III. shows the number of cases notified to your Medical Officer during the year 1905 to be 185, as against 172 for the preceding year. During the year under review 58 more cases of Scarlet Fever have been notified than in 1904, whilst a diminution of 42 cases of Diphtheria is shown.

Part I. of the above Table sets forth the different diseases at various ages, from which it will be seen that in the cases of Scarlet Fever and Diphtheria the diseases have been most prevalent between the ages of 5 and 15 years.

From part 2 of Table III. can be seen the different Wards in which disease has existed during the year. It may be of interest to point out that not a single case of Scarlet Fever has been notified during the year from Longford Ward, the only cases notified being 4 of Erysipelas.

The Third part of the above Table gives the number of cases removed to Ladywell Sanatorium from the respective wards—the total being 89 as compared with 100 for the year 1904.

## COUNTY OF LANCASTER.

## TABLE IV.

CAUSES OF, AND AGES AT, DEATH DURING YEAR 1905.

Causes of Death.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the district.							Deaths at all ages of "Residents" belonging to Localities whether occurring in or beyond the district.						Total Deaths whether of "Residents" or "Non-residents" in Public Institutions in the District.
	All ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Stretford Ward.	Longford Ward.	Talbot Ward.	Trafford Ward.	Cornbrook Ward.	Clifford Ward.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Smallpox .. .. .	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles .. .. .	10	3	6	1	...	...	...	4	2	2	...	1	1	...
Scarlet Fever .. ..	4	...	2	...	1	1	...	...	...	1	1	1	1	...
Whooping Cough ..	2	1	1	...	...	...	...	...	...	...	1	...	1	...
Diphtheria and membranaceous croup ..	2	...	1	1	...	...	...	1	...	...	...	1	...	...
Croup .. .. .	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Typhus .. .. .	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric .. .. .	4	...	...	...	...	4	...	...	...	1	1	...	2	...
Other contin. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ..	1	...	...	...	...	1	...	...	...	...	...	1	...	...
Cholera .. .. .	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague .. .. .	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa (See notes back) .. .. .	4	3	...	...	...	1	...	2	...	1	...	...	1	...
Enteritis (See notes at back) .. ..	6	4	...	...	...	1	1	1	1	3	1	...	...	...
Puerperal Fever (See notes at back) ..	1	...	...	...	...	1	...	...	...	...	...	...	1	...
Erysipelas .. .. .	4	...	...	...	...	3	1	1	...	1	1	1	...	...
Other septic diseases ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis (Pulm. Tuberculosis) .. ..	30	...	...	1	2	25	2	1	5	5	9	3	7	...
Other tubercular diseases .. .. .	18	6	5	3	1	3	...	5	1	3	7	1	1	...
Cancer malignant disease (See notes at back) .. ..	29	...	...	...	...	16	13	7	2	5	7	3	5	...
Bronchitis .. .. .	26	7	...	...	...	9	10	2	2	6	4	6	6	...
Pneumonia .. .. .	42	5	10	...	1	19	7	7	2	9	11	2	11	...
Pleurisy .. .. .	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other diseases of respiratory organs ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism .. .. .	2	...	...	...	...	2	...	...	...	...	1	...	1	...
Cirrhosis of liver ..	5	...	...	...	...	4	1	1	2	2	...	...	...	...
Venereal diseases ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Premature birth ..	17	17	...	...	...	...	...	4	2	6	2	...	3	...
Diseases & accidents of parturition ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Heart disease .. ..	63	4	...	2	5	27	25	12	6	9	14	8	14	...
Accidents .. .. .	18	...	...	6	3	9	...	2	4	10	...	2	...	...
Suicides .. .. .	4	...	...	...	...	2	2	2	2	...	...	...	...	...
Rheumatic Fever ..	4	...	...	...	...	3	1	2	...	...	1	...	1	...
All other causes ..	162	37	9	6	2	54	54	29	11	27	45	15	35	...
All causes .. .. .	458	87	34	20	15	185	117	83	42	91	106	45	91	...

NOTES.—(a) In this table all deaths of “Residents” occurring in public institutions, whether within or without the district, are to be included with the other deaths in columns for the several age groups (columns 2-8). They are also in columns 9-15, to be included among the deaths in their respective “Localities” according to the previous addresses of the deceased as given by the Registrars. Deaths of “Non-residents” occurring in public institutions in the district are in like manner to be excluded from columns 2-8 and 9-15 of this table.

(b) See Notes on table I. as to the meaning of “Residents” and “Non-residents,” and as to the “Public Institutions” to be taken into account for the purpose of these tables. The “Localities” should be the same as those in tables II. and III.

(c) All deaths occurring in public institutions situated within the district, whether of “Residents” or of “Non-residents,” are, in addition to being dealt with as in Note (a) to be entered in the last column of this table. The total number in this column should equal the figures for the year in column 9, table I.

(d) The total deaths in the several “Localities” in columns 9-15 of this table should equal those for the year in the same localities in table II., sub-columns c. The total deaths at all ages in column 2 of this table should equal the gross total of columns 9-15, and the figures for the year in column 12 of table I.

(e) (1) Under the heading of “Diarrhœa” are to be included deaths certified as from diarrhœa, alone, or in combination with some other cause of ill-defined nature ; and all deaths certified as from : Epidemic enteritis ; Zymotic enteritis ; Epidemic diarrhœa ; Summer diarrhœa ; Dysentery and dysenteric diarrhœa ; Choleraic diarrhœa, cholera, cholera nostras (in the absence of Asiatic cholera).

(2) Under the heading of “Enteritis” are to be included those certified as from Gastro-enteritis, Muco-enteritis, and Gastric catarrh, unless from information obtained by inquiry from the certifying practitioner or otherwise, the Medical Officer of Health should have reason for including such deaths, especially those of infants, under the specific term “Diarrhœa.”

(3) Deaths from diarrhœa secondary to some other well-defined disease should be included under the latter.

(f) Under the headings of “Cancer” and “Puerperal Fever” should be included all registered deaths from causes comprised within these general terms.

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In recording the facts under the various headings of tables I., II., III., and IV., attention has been given to the notes on the tables.

W. J. HESLOP,

Medical Officer of Health.

February, 1906.



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TABLE V.

INFANTILE MORTALITY DURING THE YEAR 1905.  
DEATHS FROM STATED CAUSES IN WEEKS AND MONTHS UNDER  
ONE YEAR OF AGE.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
ALL CAUSES—																	
Certified .. .. .	18	5	6	1	30	13	5	6	7	6	4	3	3	..	2	1	80
Uncertified .. .. .	..	..	..	1	1	..	1	1	1	..	..	..	2	..	1	..	7
Common Infectious Diseases																	
Smallpox .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chicken-pox .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles .....	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	3
Scarlet Fever .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria : Croup ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough .. ..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
Diarrhoeal Diseases—																	
Diarrhoea, all forms ..	..	..	..	..	..	..	1	1	..	..	1	..	..	..	..	..	3
Enteritis (not Tuberculous) .. .. .	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	1	4
Gastritis, Gastro-intestinal Catarrh .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wasting Diseases—																	
Premature Birth .. ..	11	2	1	..	14	3	..	..	..	..	..	..	..	..	..	..	17
Congenital Defects .. ..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
Injury at Birth .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Want of Breast-milk ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Atrophy, Debility, Marasmus .. .. .	2	..	3	1	6	5	1	1	..	1	..	..	..	..	..	..	14
Tuberculous Diseases—																	
Tuberculous Meningitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tuberculous Peritonitis : Tabes Mesenterica ..	..	..	..	..	..	..	..	2	1	..	1	1	1	..	..	..	6
Other Tuberculous Diseases .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Syphilis .. .. .	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	1
Rickets .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis (not Tuberculous) ..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	2
Convulsions .. .. .	1	1	..	..	2	2	1	..	..	..	..	..	2	..	..	..	7
Bronchitis .. .. .	..	..	..	..	..	..	..	2	..	2	1	..	..	..	..	..	5
Laryngitis .. .. .	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Pneumonia .. .. .	..	..	..	..	..	..	..	..	1	2	..	..	..	..	1	..	4
Suffocation, overlaying ..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1
Other Causes .. .. .	4	1	1	1	7	3	..	..	5	..	..	..	..	..	2	..	17
	18	5	6	2	31	13	6	7	8	6	4	3	5	..	3	1	87

District (or sub-division) of Stretford. Population, estimated to middle of 1905, 38,750. Births in the year : legitimate 768, illegitimate 25, total 793. Deaths from all causes at all ages, 458.

## BIRTH AND DEATH RATES OF THE TOWNSHIP, 1868-1905.

YEAR.	BIRTHS.	RATE.	DEATHS.	RATE.	POPULATION.
1868	330	30.0	170	15.4	11,000
1869	333	30.0	195	17.7	..
1870	373	33.9	216	19.6	..
1871	378	31.5	231	18.4	12,000
1872	378	31.5	186	15.5	..
1873	357	29.7	189	15.7	..
1874	409	34.0	236	19.6	..
1875	445	37.0	247	20.5	..
1876	482	32.1	282	19.0	15,000
1877	522	30.7	311	18.3	17,000
1878	359	31.0	323	18.0	18,000
1879	548	28.8	300	15.7	19,000
1880	545	27.2	339	16.9	20,000
1881	600	30.0	264	13.2	..
1882	556	27.8	295	14.7	..
1883	573	28.6	306	15.3	..
1884	550	27.5	346	17.3	..
1885	508	25.4	316	15.8	..
1886	557	26.5	314	15.0	21,000
1887	540	25.7	328	15.6	..
1888	485	23.0	310	14.7	..
1889	492	23.4	308	14.6	..
1890	511	24.3	354	16.8	..
1891	497	22.8	382	17.5	21,751
1892	472	21.7	295	13.5	21,751
1893	472	21.4	324	14.7	22,000
1894	446	20.2	284	13.0	22,000
1895	494	21.9	356	15.7	22,500
1896	540	22.0	338	13.7	24,500
1897	550	21.5	342	13.4	25,500
1898	567	20.8	346	12.7	27,180
1899	602	21.8	422	14.7	27,540
1900	626	21.8	413	14.4	28,600
1901	611	20.3	401	14.4	30,000
1902	670	21.6	401	12.9	30,900
1903	807	24.9	437	13.5	32,290
1904	742	21.7	443	13.0	34,060
1905	793	20.4	458	11.8	38,750

The above Table gives the Birth and Death Rates for the past 38 years, also the population for the same period. The Birth Rate this year is (with the exception of the years 1894 and 1901, when they were 1 and 2 points respectively lower) the lowest in the history of your district.

As compared with the average for the previous ten years, the Death Rate for the year under consideration is 2.0 lower, viz.—11.8 as against 13.8.



BIRTH RATE, DEATH RATE AND PERSONS PER ACRE.

WARD.	ACREAGE	POPULATION		PERSONS PER ACRE		BIRTH RATE		DEATH RATE	
		1905	1904	1905	1904	1905	1904	1905	1904
Stretford .. .. .	980	6750	5280	6.9	5.3	20.8	27.6	12.2	13.4
Longford .. .. .	452	2900	2790	6.4	6.1	26.2	24.3	14.4	18.6
Talbot .. .. .	1313	7870	5820	6.0	4.4	25.2	33.3	11.5	15.1
Trafford .. .. .	270	9950	8900	33.1	32.9	16.0	24.7	10.6	8.8
Cornbrook .. .. .	171	3690	4110	21.5	24.0	17.0	14.3	12.1	12.6
Clifford .. .. .	62	7590	7160	122.4	115.4	20.2	18.1	12.0	14.1

The Death Rates for the year 1905 are lower in each Ward (except in the Trafford Ward which is 1.8 higher) than they were in 1904.

Stretford and Talbot Wards show an increase of 1.6 persons per acre, representing an increase of population of over 1,500 persons in the former and 2,000 in the latter Ward.

#### DENSITY OF POPULATION.

YEAR	PERSONS PER ACRE					
	Stretford	Longford	Talbot	Trafford	Cornb'k	Clifford
1895	4.4	5.3	1.07	12.4	26.4	122.1
1896	4.6	5.8	1.1	17.0	21.6	122.1
1897	4.7	5.8	1.1	19.7	22.2	122.5
1898	5.0	6.1	1.5	22.2	22.5	122.5
1899	4.0	5.7	2.0	28.4	22.2	111.2
1900	4.1	5.7	2.6	28.1	22.2	111.2
1901	4.3	5.7	3.4	28.8	22.2	111.2
1902	4.4	5.9	3.3	31.1	23.0	113.7
1903	4.6	6.0	3.7	32.2	23.2	114.3
1904	5.3	6.1	4.4	32.9	24.0	115.4
Average for 10 years, 1895 to 1904.	4.5	5.8	2.4	25.2	22.9	116.6
1905	6.9	6.4	6.0	33.1	21.5	122.4

Taking the district as a whole I find the average number of persons per acre to be 32.6 for the year under consideration as against 29.5 the average for the previous 10 years.

From the above it will be seen that the Clifford Ward is the most thickly populated part of your district, having more than four times as many per acre as the adjoining ward.

The following table shows the deaths in groups according to the age :—

DEATHS IN GROUPS	1905	1904
Under 1 year of age .. .. .	87	85
Between 1 year and under 5 years .. ..	34	43
„ 5 years and under 15 years .. ..	20	18
„ 15 „ „ 25 „ ..	15	20
„ 25 „ „ 65 „ ..	185	171
Over 65 years .. .. .	117	97

It will be seen from the above table that there are only two more deaths under 1 year than there were in 1904, but between the age of 25 and 65 there is an increase of 14, and over 65 years of age an increase of 20 is shown.

There have been 30 deaths from Phthisis this year as against 23 the year before. From Pneumonia there has been 17 deaths less than in 1904, whilst there have been 15 more deaths this year from Heart Disease than there were during 1904. There were 42 deaths from Heart Disease of persons over 25 years of age, as compared with 52 for the year 1904.

TABLE OF WARDS AND ZYMOTIC DEATH RATES FOR 1904 AND 1905.

WARD	1905	1904
Stretford .. .. .	1.0 per 1,000	2.0 per 1,000
Longford.. .. .	0.6 „	3.2 „
Talbot .. .. .	0.6 „	1.5 „
Trafford .. .. .	0.3 „	0.7 „
Cornbrook .. .. .	0.8 „	1.2 „
Clifford .. .. .	0.7 „	1.9 „

ZYMOTIC DEATH RATE.

26 deaths were caused by the common Zymotic diseases (including 4 from Diarrhœa) which is equal to a Zymotic death rate of .67, as compared with 1.6 for the year 1904.

## LADYWELL SANATORIUM.

Disease.	No. of Cases Treated.	No. of Cases Admitted.	No. of Cases Disch'ged.	No. of Deaths.	No. of Cases Remain'g.
Scarlet Fever .. ..	76	69	59	3	14
Enteric Fever .. ..	9	9	4	4	..
Typhus Fever .. ..	..	..	..	..	..
Diphtheria .. .. .	9	7	7	1	1
Erysipelas .. .. .	..	..	..	..	..
Puerperal Fever .. ..	..	..	..	..	..
Small-pox .. .. .	1	1	1	..	..
Other Diseases .. ..	2	2	2	..	..
Total .. .. .	97	88	73	8	15
Corresponding y'r 1904	114	99	95	10	9
Average 5 years .. ..	116.6	105.6	91.2	14.0	11.4

The above table is furnished to me by the Medical Superintendent of the Ladywell Sanatorium. It will be seen from the above that during the year under consideration 97 cases of infectious disease have been removed to the Isolation Hospital, as against 115 for 1904. There have been 8 deaths in the hospital during 1905 as compared with 10 the previous year.

Of the cases 97 removed to hospital, 76 were those of persons suffering from Scarlet Fever, in 1904 this disease was responsible for 56 cases. I would also draw your attention to the great diminution of Diphtheria cases (9) removed to the Sanatorium this year as compared with 38 for 1904.

The above table gives the average number of cases sent to Ladywell Sanatorium during the past five years, also the average number of deaths in that institution of persons belonging to your district.

## DIARRHŒA AND ENTERITIS.

10 Cases of Diarrhœa and Enteritis proved fatal during the year against 19 for 1904.



## INFECTIOUS DISEASES NOTIFICATION ACT, 1889.

This Act was passed in August, 1889 (an adoptive Act) to enable Local Authorities to require the notification to your Medical Officer of Health of all Infectious cases named in Section 6 of the above Act. The object of the Act was to enable Authorities to better cope with outbreaks of infectious disease, and in this direction has proved very valuable in dealing with Typhoid, Diphtheria and Smallpox. In 1890 your Council adopted the Act in accordance with its provisions and later added Measles for a term of years. In 1899 Parliament passed a short Act extending the Infectious Diseases Notification Act, 1889, so as to remove the optional clause relating to its adoption, and making it imperative to notify in every district.

The table below shows the number of cases notified since your Council adopted the Act in 1890.

YEAR.	POPULATION.	NO. OF CASES NOTIFIED.	INCLUDING MEASLES.
1890	21,000	97	..
1891	21,751	81	..
1892	21,751	116	..
1893	22,000	209	..
1894	22,000	263	82 cases
1895	22,500	227	47 „
1896	24,500	185	18 „
1897	25,500	829	727 „
1898	27,180	263	161 „
1899	27,540	267	168 „
1900	28,600	470	299 „
1901	30,000	712	367 „
1902	30,900	290 †	82 „
1903	32,290	193	..
1904	34,060	172	..
1905	38,750	185	..

† Measles discontinued.



## BACTERIOLOGICAL EXAMINATIONS.

MONTH	DIPHThERIA			TYPHOID			TUBERCULOSIS					
							SPUTUM			MILK		
	×	—	T' TL	×	—	T' TL	×	—	T' TL	×	—	T' TL
January ..	..	..	..	..	1	1	..	..	..	..	..	..
February ..	1	0	1	1	1	2	..	..	..	..	..	..
March ..	..	2	2	..	..	..	..	1	1	..	..	..
April ..	..	..	..	2	1	3	..	..	..	..	..	..
May ..	..	1	1	1	2	3	..	1	1	..	..	..
June ..	..	2	2	..	..	..	..	..	..	..	..	..
July ..	..	..	..	1	..	1	..	..	..	..	..	..
August ..	..	..	..	..	1	1	1	..	1	..	..	..
September .	..	1	1	..	2	2	..	1	1	..	..	..
October ..	..	..	..	3	2	5	..	..	..	..	1	1
November..	..	..	..	1	1	2	..	1	1	..	..	..
December .	1	1	2	..	1	1	..	..	..	..	..	..
Total ..	2	7	9	9	12	21	1	4	5	..	1	1

From the above table it will be seen that the following cases were submitted for examination during the year, viz.—9 of Diphtheria, 21 of Typhoid, 5 of Sputum and 1 of Milk, making a total of 36 cases. Of this number 12 gave positive results, viz.—2 Diphtheria, 9 Typhoid, and 1 Tuberculosis.

## STRETFORD URBAN DISTRICT.

Return of the number of cases of Infectious Disease reported to the Medical Officer of Health during the year 1905, and of deaths from the diseases notified.

	CASES NOTIFIED IN 1905.	DEATHS REGIST'D IN 1905.
Small-pox .. .. .	1	..
Scarlet' Fever .. .. .	125	4
Diphtheria .. .. .	22	1
Membraneous Croup .. .. .	1	1
Typhus Fever .. .. .	..	..
Enteric or Typhoid Fever .. .. .	14	4
Continued Fever .. .. .	..	..
Relapsing Fever .. .. .	..	..
Puerperal Fever .. .. .	2	1
Cholera .. .. .	..	..
Erysipelas .. .. .	20	4
Plague .. .. .	..	..
Total .. .. .	185	15

Dated February 2nd, 1906,

W. J. HESLOP,  
Medical Officer of Health.

## NOTIFICATION OF INFECTIOUS DISEASES.

WARD.	NUMBER OF CASES NOTIFIED 1905	NUMBER OF CASES NOTIFIED 1904
Stretford .. .. .	25	26
Longford.. .. .	4	12
Talbot .. .. .	34	43
Trafford .. .. .	51	31
Cornbrook .. .. .	26	18
Clifford .. .. .	45	42
	185	172

As will be seen from the above table there have been 185 Cases of Infectious Diseases notified to me during the past year, against 172 for the year previous :—this increase is attributable to the number of Scarlet Fever Cases notified.

The statement above gives the number of diseases notified from each Ward, also similar information for the previous year.

## MIDWIVES' ACT, 1902.

Below is a list of Midwives certified under the above Act whose names are on the County Register as residing in the Urban District of Stretford (December, 1905).

NAME.	ADDRESS.
Barber, Mary .. .. .	1, School Road.
Monks, Amy .. .. .	3, Norton Street.
Higginson, Isabella .. .. .	19, Trafford Grove.
Scholes, Mary Ellen .. .. .	82, Trafford Grove.
Thomas, Mary Emmeline .	1, Park Villas, 101, Steven Street.
Fagan, Emily .. .. .	32, Stanway Street, Gorse Hill.
Ramsbottom, Harriet .. .. .	92, Cornbrook Street, Stretford Road.
Brown, Eleanor Catherine.	130, Cornbrook Street, Old Trafford.
Collinge, Jane .. .. .	108, Second Avenue, Trafford Park.
Hibbert, Caroline Amelia .	1054, Tenth Street, Trafford Park.
Hampson, Ellen .. .. .	2, Harcourt Street, Gorse Hill.

## TABLE (C.)

## COUNTY OF LANCASTER.

SUMMARY OF MEDICAL OFFICER'S REPORT FOR 1905  
URBAN SANITARY DISTRICT OF STRETFORD.

Area in Statute Acres,  $3,239\frac{1}{2}$  (includes Area covered by Water).  
Population (Census) 1901, 30,436. Population (Estimated) 1905, 38,750.

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Name of Medical Officer of Health, WILLIAM JOHN HESLOP, F.R.C.S., Ed.  
Salary, £150.

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Births registered : Male 421, Female 372 ; Total 793.

Deaths registered (nett deaths belonging to the District) : Male 231,  
Female 227 ; Total 458.

Number of Illegitimate Births registered 25.

Illegitimate Deaths under one year of age —.

Birth Rate, 20.4. Death Rate, 11.8. Rate of Infant Deaths, under  
one year, to 1,000 Births, 109.7.

Death Rate from the \* seven principal Zymotic Diseases per 1,000 of  
population 0.67.

Diseases prevalent ?—Scarlet Fever. Period ?—August, September,  
October, November and December.

What action taken ?—Ordinary precautions. Any Schools closed ?—  
No. If so, for what disease ?

What is the character of the Hospital Accommodation ?—Good.

†Is it joint or otherwise ?—Accommodated by the Salford Corporation,  
a retaining fee is paid.

Number of Beds available for the District ?—30.

Number of Cases treated ?—Small-pox 1 ; Diphtheria 8 ; Scarlet Fever  
69 ; Typhoid Fever 11. Total 89.

Deaths in Hospital ?—8. From what causes ?—Enteric, 4 ; Scarlet  
Fever, 3 ; Diphtheria, 1.

How is Disinfection carried out ?—Houses S.O<sub>2</sub>, Formalin Lamps, and  
Formaldehyde. Clothing, Bedding, &c., Steam. Apparatus used ?—Wash-  
ington Lyons Patent.



Number of cases of Infectious Disease notified ?—189.

Are any Diseases not specially mentioned in the Act notifiable (for instance, Measles, Whooping Cough, Diarrhœa, Chicken Pox, &c.) ?—

No. If so, what are they ?—

Has any arrangement been made for the “voluntary” notification of Phthisis ?—Medical profession has been circularised that the Council is desirous of disinfecting after all such cases.

Has any action been taken under the “Housing of the Working Classes Acts ?”—No.

How many houses condemned as unfit for human habitation, and how many closed or demolished ?—None.

From where is the Water Supply obtained, and what is its condition ?—Manchester Corporation Waterworks. Good. Is it subject to your Inspection ?—No.

Is Scavenging carried out satisfactorily ?—Yes. By Sanitary Authority or contract ?—By Sanitary Authority.

How is the Refuse disposed of ?—About three-fifths of the Refuse is dealt with at the Destructor Works, the remainder is taken to a tip out in the country.

What is the character of Drainage and the form of Sewage Disposal ?—Drainage is good. About three-fifths of the sewage is dealt with at the Manchester Corporation Bacteria Beds, the remainder by the Council, by Broad Irrigation.

Canal Boats (Number Inspected, &c.) ?—None,

What is the condition of the Bakehouses ?—Satisfactory.

Slaughter Houses ?—Satisfactory.

Lodging Houses ? Are they Registered ?—None in the District.

Dairies, Cowsheds, and Milkshops—

Are they periodically inspected ?—Yes, nearly weekly.

What is their condition ?—Satisfactory.

Are they subject to Regulations made under the Order of the Local Government Board ?—Yes.

What amount of air space in cubic feet is required for each cow ?—New cowsheds, 800 cubic feet. Old cowsheds, 600 cubic feet.

Food Unfit for Human Consumption.

Amount seized ?—Beef, 4,210 lbs. ; Mutton, 690 lbs. ; Veal, 1,920 lbs. ; Pork, 405 lbs. ; Fish, 25 lbs. Total, 7,250 lbs. Fruit, 1,060 lbs.



Any Special Report of Medical Officer of Health during the year ?—Yes.  
Report relative to obstructive buildings, 1152 to 1172, Chester Road,  
Stretford ; also report on the Sanitary Condition of Schools ; also a report  
on an outbreak of Scarlet Fever at Gorse Hill Schools.

Department of Inspector of Nuisances—

No. of Notices served ?—395

No. of Nuisances remedied ?—About 860.

No. of Legal Proceedings taken and result ?—None.

Smoke—

No. of Observations ?—222.

No. of Legal Proceedings taken and result ?—7 ; Fines and Costs,  
£18 6s. 6d.

What is the time limit allowed for the emission of black smoke per  
hour ?—Four minutes.

Has the Authority adopted—

(A) “ The Infectious Disease (Prevention Act, 1890 ” ? Yes.

(B) “ The Public Health Acts Amendment Act, 1890 ” ? Yes.

\* Small-pox ; Scarlet Fever ; Diphtheria and Membranous Croup ; Fever—  
Typhus, Typhoid, and Continued ; Measles ; Whooping Cough, and  
Diarrhœa.

† If you have the Joint use of Isolation Hospital belonging to neighbouring  
Authority state nature of Agreement. Is any retaining fee paid.

COUNTY OF LANCASTER.  
FACTORIES, WORKSHOPS, LAUNDRIES,  
WORKPLACES AND HOMEWORK.

1.—INSPECTION.

Including Inspections made by Sanitary Inspectors

PREMISES.	NUMBER OF		
	Inspections	Written Notices.	Prosecutions.
Factories .. .. . (Including Factory Laundries).	94	2	..
Workshops .. .. . (Including Workshop Laundries).	288	3	..
Workplaces .. .. .	31	1	..
Homeworkers' Premises .. .. .	19	10	..
Total .. .. .	432	16	..

The Factory and Workshops Act, 1901, casts upon the Sanitary Departments of Local Authorities considerable additional duties and responsibilities, as will be seen from the statements herewith.

During the year your Inspector (Mr. Nuttall) has made 432 Inspections of various factories and workshops, as a result 16 notices have been served to remove insanitary conditions found to exist, all of which were remedied on receipt of the notice.

In addition to the above, 40 visits have been paid to houses which come under the term outworker as defined by Section 107 of the above Act.

FACTORIES, WORKSHOPS, LAUNDRIES,  
 WORKPLACES AND HOMEWORK.  
 2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions
	Found.	Remedied.	Referred to H.M. Inspector.	
NUISANCES UNDER THE PUBLIC HEALTH ACTS :—*				
Want of cleanliness .. .. .	13	13	..	..
Want of ventilation .. .. .	2	2	..	..
Overcrowding .. .. .	..	..	..	..
Want of drainage of floors .. .. .	1	1	..	..
Other nuisances .. .. .	..	..	..	..
‡Sanitary accommoda- tions {	insufficient .. .. .	2	2	..
	unsuitable or defective ..	..	..	..
	not separate for sexes ..	..	..	..
P.H.A. (A). A. 1890, Sec. 22 has been adopted.				
OFFENCES UNDER THE FACTORY AND WORKSHOP ACT :—				
Illegal occupation of underground bake- houses (S. 101) .. .. .	..	..	..	..
Breach of Special Sanitary requirements for bakehouses (S.S. 97 to 100) .. ..	..	..	..	..
Failure as regards lists of outworkers (S. 107) .. .. .	2	1	..	..
Giving out work to be done { unwholesome (S. 108) ..	..	..	..	..
in premises {				
which are { infected (S. 110) .. ..	..	..	..	..
Allowing wearing apparel to be made in premises infected by scarlet fever or small-pox (S. 109). .. .. .	..	..	..	..
Other Offences .. .. .	..	..	..	..
Total .. .. .	20	19	..	..

\*Including those specified in Sections 2, 3, 7, and 8, of the Factory Act as remediable under the Public Health Acts.

†State here whether Section 22 of the Public Health Acts Amendment Act, 1890, has been adopted by the District Council; and if so, what standard of efficiency and suitability of sanitary accommodation for persons employed in workshops and factories has been enforced.

### MATTERS NOTIFIED TO H.M. INSPECTOR OF FACTORIES.

	NUMBER.
Failure to affix Abstract of Factory and Workshops Act (S. 133) .. .. .	3
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (S. 5) :—	
Notified by H.M. Inspectors .. .. .	..
Reports (of action taken) sent to H.M. Inspectors .. .. .	1
Other.	
Underground Bakehouses (S. 101) :—	
Certificates granted during the year ..	..
In use at the end of the year .. .. .	4



# FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES AND HOMEWORK.

## (3)—OTHER MATTERS.

Class.	Number of	
	Lists.	Outworkers.
Homework :—		
Lists of Outworkers * (S. 107) :—		
Lists received .. .. .	6	93
Addresses of outworkers forwarded to other Authorities .. .. .	2	47
Addresses of outworkers received from other Authorities .. .. .	2	46
Homework in unwholesome or infected premises—	Wearing Apparel.	Other.
Notices prohibiting homework in un- wholesome premises (S. 108) .. ..	Nil.	Nil.
Cases of infectious disease notified in homeworkers' premises .. .. .	"	"
Orders prohibiting homework in infected premises (S. 110) .. .. .	"	"
Workshops on the Register (S. 131) at the end of 1904 :—		
Workshop Bakehouses .. .. .		25
Joiners and Cabinet Makers .. .. .		9
Tailors .. .. .		12
Boot Repairing .. .. .		14
Plumbing .. .. .		13
Laundries .. .. .		2
Milliners and Dressmakers .. .. .		29
Other Workshops .. .. .		27
Total number of workshops on Register .. ..		132

\* The Lists should be received twice a year. The year's figures required in the Table are then obtained by adding together the two half-yearly totals.

## REMARKS ON INFECTIOUS DISEASES.

## SMALLPOX.

One case of Smallpox was notified during the year. This case, which occurred in January, was supposed to have been contracted in a Yorkshire town, and was removed to the Smallpox Hospital in Drinkwater Park. All the inmates of the house in which the patient resided were vaccinated, and the house disinfected throughout, and I am glad to state that there was no further outbreak.

## MEASLES.

Ten deaths were due to Measles, as against nine of the previous year, and 4.6 the average for the previous ten years. Measles not now being a notifiable disease, I am not in a position to say what the proportion of the above-mentioned ten deaths is to the number of cases which have been under treatment.

## SCARLET FEVER.

125 Cases of Scarlet Fever were reported, as against 67 of the previous year. The disease was most prevalent in the Trafford, Cornbrook, and Clifford Wards. There was no case reported during the year from the Longford Ward.

There were four deaths from this disease during the year, as against three during the year previous, and an average for the previous ten years of 3.6.

On a Saturday in October a scholar who had attended Gorse Hill School up to the previous evening was found to be desquamating. The mother called in her Medical Attendant who certified that two of the children were suffering from Scarlet Fever. A day or two later two more children, playmates of the first cases, and scholars at the Gorse Hill School, were also certified to be suffering from the same disease. The following day another boy, who sat next in school to the first-boy mentioned, was also notified to be suffering from the same

malady, and two days after the last-mentioned case another boy from the same class was also found to be suffering from the same disease. The parents of the boy first notified do not appear to have had any idea that he was suffering from any disease until the mother noticed desquamation whilst giving him his bath.

On receipt of the notifications I visited the schools and examined a number of the children, and gave instructions that any of the scholars found suffering from sore throat or rash were to be excluded from schools. This being the end of the week the schools were thoroughly disinfected, and I am glad to say that no further cases were traced to this outbreak.

#### DIPHTHERIA.

22 cases of Diphtheria were reported during the year, as against 64 last year. There were 9 in the Stretford Ward, 2 in the Talbot ; 6 in the Trafford, 2 in the Cornbrook, and 3 in the Clifford. Two cases proved fatal, as against ten of the previous year. Some years ago the Longford Ward was frequently visited by epidemics of Diphtheria. Since then the houses have been re-drained, and intercepting traps provided, and it is gratifying to note that since this has been done Diphtheria has been much less prevalent in the Ward. This year no case of Diphtheria or Scarlet Fever has been notified.

The average number of deaths from the above disease during the ten years 1895 to 1904 is 6.9.

#### WHOOPING COUGH.

Whooping Cough caused two deaths as against seven of the previous year. The average number of deaths from this disease during the ten years 1895 to 1904 inclusive is 5.7, like measles this disease is not notifiable.

#### TYPHOID FEVER.

14 cases of Typhoid Fever were notified during 1905, as against 17 of the previous year. Four deaths occurred from this disease during the year being reported upon as against 2 for 1904, and an average of 2.9 for the previous 10 years.

Of the 14 cases notified there is every reason to assume



that two were the result of eating oysters and one after eating mussels.

#### ERYSIPELAS.

20 cases of Erysipelas were notified, which is the same as in the previous year. Four deaths occurred this year against 3 during 1904, and 1.7 average for the previous ten years.

#### MEMBRANEOUS CROUP.

There has been no death from the above disease during this year, and only 3 during the previous ten years, or an average of 0.3 per year for that period.

#### PUERPERAL FEVER.

Two cases of Puerperal Fever were notified, both occurring in the Clifford Ward, one of which proved fatal. During the ten years previous to the one being reported upon the above disease has been responsible for 15 deaths, which is an average of 1.5 per year.

#### INFLUENZA.

During the year 1905 two deaths have taken place from Influenza. From 1895 to 1904 the above disease caused the death of 55 persons, or an average per year of 5.5, therefore the deaths this year may be said to be below the average.

#### COWSHEDS, DAIRIES AND MILKSHOPS.

There are in your district 16 Cowkeepers occupying 27 Cowsheds, registered as with sufficient air space for 233 head of cattle. There are also on the register 24 Dairies and Milkshops. Prior to being placed on the register the whole of the above premises were visited by me, and your Inspectors see that the regulations affecting them are kept in force ; also, in addition to the above, there are on the register 39 purveyors of milk from other districts.

Below is a resolution adopted by your Council in May of the year being reported upon :—

#### REGISTRATION OF COWSHEDS.

Resolved : “ That the following Cowsheds be registered  
“ to contain such number of Cows as shall comply with the



“ regulations of this Council, and that the number so registered be exhibited on the outside of each Cowshed door.”—

Occupier.	Situation or Name of Farm.	No. of Cowshed	No. of Cows to be allowed in such Cowshed.
James Bancroft .....	Derbyshire Lane.....	1	11
Ditto .....	Ditto .....	2	10
John Bradshaw ....	Briar Farm .....	1	5
Ditto .....	Ditto .....	2	6
William Bruckshaw .	3, Cornbrook Grove..	1	6
Joseph Cawley .....	17, Moss Lane West	1	9
Richard Cookson ...	Beech House Farm .	1	5
Ditto .....	Ditto .....	2	18
James Faulkner.....	Edge House Farm ...	1	4
Ditto .....	Ditto .....	2	7
Ditto .....	Ditto .....	3	15
Ditto .....	Ditto .....	4	2
Mary Higginbotham	New Shed Farm.....	1	6
Ditto .....	Ditto .....	2	7
Edward Lowe .....	Park Farm .....	1	9
Ditto .....	Ditto .....	2	8
Hezekiah Mellor ...	Wright Street.....	1	13
Samuel Richardson .	Porch House Farm...	1	3
Ditto .....	Ditto .....	2	3
Parker Stephen.....	Cobb Hall Farm ...	1	4
Stott's Exors.....	Firs Farm .....	1	23
Joseph Taylor .....	Gorse Hill Farm .....	1	7
R. K. Wadsworth....	Great Stone Farm ..	1	21
Ditto .....	Ditto .....	2	12
Thos. Wigglesworth .	Ivy Farm .....	1	5
Ditto .....	Ditto .....	2	6
Thomas Williams ....	32 Barrett Street....	1	8

### SLAUGHTER HOUSES.

There are the same number (8) of private slaughter houses in the district as there were in 1904. Taken as a whole they are fairly well constructed, and kept free from any accumulation or nuisance.

In accordance with the recommendations of the Sanitary Sub-Committee each catch-pit (not previously so dealt with) has been provided with a cast-iron inspection cover to facilitate the inspection of the said catch-pit, also from each of these receptacles has been erected a 4 inch vent shaft, carried up to and above the roof and clear of any windows or other similar openings.

In the inspection of meat at private slaughter houses during the past year much useful work has been accomplished.

### FOREIGN ANIMALS WHARF.

At the Manchester Corporation Foreign Animals Wharf (which is situated in this district) 30,514 head of cattle, 2,751 sheep, and 150 pigs have been slaughtered during the year 1905. Also during the same period there have been condemned as unfit for food of man 6,820 lbs. beef, mutton, and veal, &c.

### LAUNDRIES.

There are the same number of Laundries in the district as in the previous year, four of which come under the term Factory, and one is termed a Domestic Laundry. There is one of each which requires alteration during the ensuing year.

### WATER SUPPLY.

The water supply of your district is (with the exception of a few wells out in the country) supplied by the Manchester Corporation Waterworks Committee, and is of good quality.

### BAKEHOUSES.

From the Factory and Workshops register there are in your district 15 Bakehouses where loaf bread is baked, and 16 where only confectionery is made. Of the former number 4 are defined as cellar bakehouses, as per Section 101 of the Factory and Workshops Act, 1901. To the above premises your sanitary staff have paid 134 visits resulting in several notices being served to remedy insanitary conditions found

to exist, and which were at once removed on receipt of the said notices.

In one instance I found the owner of a dwelling house had converted the scullery thereof into a bakehouse without any regard being had to light and ventilation. The occupier's attention having been drawn to the illegality of converting such a place into a bakehouse expressed himself willing to provide sufficient light and ventilation as the authority desired.

#### STREAMS AND WATERWAYS.

The streams and waterways of your district have during the year being reported upon, been kept in fairly good order, but I would respectfully draw your attention to the fact that complaints have been made during the year to the Sanitary Department of the inconvenience experienced by those having to use the Cut Hole at Stretford as means of reaching their homes, owing to the place being subject to flood.

#### SEWAGE FARM.

The Council's Sewage Farm of some 77 acres deals with all sewage west of the Great Stone by broad irrigation. The standard of purity of the effluent is very high.

During the year the effluent has been examined on behalf of the Rivers Committee of the Lancashire County Council four times, with the following results :—

March 15, 0.18 grains per gallon of oxygen absorbed in a four hours' test,

July	11, 0.33	ditto	ditto
Aug.	9, 0.36	ditto	ditto
Nov.	21, 0.26	ditto	ditto

---

Average 0.28

Much credit is due to the Sewage Farm Manager (Mr. Toogood) for the care he takes to secure a satisfactory effluent.

#### SANITARY IMPROVEMENTS.

In improving the Sanitary condition of your district since my last annual report, much useful work has been carried out. Considerable property has been redrained, brick-cellar floors replaced with others of flags or concrete. Intercepting traps have been fixed between the main sewer and the houses,



and in order to secure a through current of fresh air ventilating shafts have been erected at the head of the drains. Also during the same period 279 privies and 159 Ashpits have been abolished, and in lieu thereof 224 washdown waterclosets, and 279 galvanized dust bins or dry ashplaces.

#### PROSECUTIONS.

43 prosecutions have taken place during the year, 7 being for nuisances arising from black smoke, in each case a conviction was obtained. 3 persons were summoned for plying for hire within the district without license. 3 persons were summoned for 7 offences against the Food and Drugs Acts. In each case a fine and costs were imposed and 26 persons have been prosecuted for allowing the chimneys of their dwelling houses to be on fire, and convictions obtained.

#### HOUSING SCHEME.

The scheme for the erection of dwelling houses in the Longford Ward for the artisan class of your district, and for which borrowing powers have been obtained will, I trust, be pushed forward at an early date, as in Stretford I have every reason to believe there exists considerable overcrowding. The erection of the first seventy houses will to some extent alleviate the existing congestion.

#### SANITARY STATE OF THE DISTRICT AT THE END OF THE YEAR.

The sanitary state of your district I consider to be satisfactory. The death rate is low, in fact, it is the lowest in the history of your district. The children at the schools are bright, healthy looking, and are kept clean, which is at all times conducive to health.

The Inspector attends at the office every morning from nine to ten, and all complaints should be made before the last-named hour, otherwise the same may not receive attention that day, except it is a matter of urgency.

Particulars of sanitary work done, inspections made, nuisances removed, and other information appertaining to the working of the Sanitary Department will be found in Inspector Nuttall's report appended.

Your obedient Servant,

W. J. HESLOP, F.R.C.S., L.R.C.S.  
Medical Officer of Health.

COUNCIL OFFICES,

FEBRUARY 14TH, 1906.



# The Urban District Council of Stretford.

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Sanitary and Hackney Coach Departments

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## SANITARY STAFF.

ELLIS NUTTALL, A.M.R. San. Inst.

R. C. JACKSON.

J. P. DUNNE, C.S.I.

J. MILLS, C.S.I.

S. MASSEY, C.S.I.

G. HOWARTH, Nightsoil Foreman.

W. SUMMERS, } Disinfectors.  
F. JONES, }

ANNUAL REPORT  
OF THE  
INSPECTOR OF NUISANCES  
FOR THE  
YEAR ENDED DECEMBER 31st, 1905.

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**To the Chairman and Councillors of the Sanitary and  
Hackney Coach Committee.**

GENTLEMEN,

I have the honour to submit for your consideration my Eleventh Annual Report upon the work done in the Sanitary, Hackney Coach, and Cleansing Departments during the year ended December 31st, 1905.

An analysis of the various tables contained in this report will bear evidence that much useful work has been carried out by your Sanitary Staff in making inspections (not only on complaint) but after cases of infectious disease, in removing nuisances found to exist, and in superintending work carried out in order to remove insanitary conditions which were, or might become injurious or dangerous to health, and which could be dealt with under the several provisions of your Council's Byelaws, or the several Acts of Parliament.

Your Medical Officer of Health estimated the population at the middle of 1905 to be 38,750, and the death rate of residents is 11.4 per thousand and is the lowest on record. So satisfactory a result is very gratifying and encouraging.

The whole energies of your Sanitary Staff are in the direction of reducing the general mortality of your district and in lengthening the life of its inhabitants.

Again I have omitted the details of work executed to secure the removal of nuisances, or of any insanitary conditions observed by or brought to the notice of the officers of this department in respect of houses, schools, factories, workshops or other premises, and which may be dealt with under the provisions of the Public Health Acts, or of the Factory and Workshops Act, 1901. The details of the work done during the year are recorded in the several books of the Sanitary Department, which are, at all times, open to perusal by the members of the Council.

In compiling this report each branch of work has been placed under headings applicable thereto, which, I feel sure, will facilitate any comparisons desired with tables of a similar character in the reports of previous years.

The work devolving upon the cleansing department has received the constant attention of your officials during the past year, and notwithstanding the considerable increase of houses and population, the task of removing and dealing with domestic refuse has been satisfactorily carried out.

The Hackney Coach Department of your Council has received the constant attention of your officials during the year ; in carrying out the byelaws and regulations relative thereto your officers have experienced very little difficulty.

There has been a small increase in the number of licenses issued and revenue received.

In connection with the destruction of domestic refuse at the Empress Street Depot much useful work has been done during the past twelve months (see statement page 64).

That your Sanitary Staff has been energetically employed during the year in the abatement of nuisances, superintending work in progress, and making inquiries into cases of Infectious disease, and in seeking to remove all or any insanitary conditions found to exist, may be judged on reference to the following summary of the work done during the year 1905.

## SUMMARY OF WORK DONE FROM JANUARY 1ST TO DECEMBER 31ST, 1905.

### HEALTH DEPARTMENT.

Formal Notices served .. .. .	335
Legal .. .. .	60
Visits in respect of notices served and work in progress .. .. .	1411
Houses dealt with for various causes .. ..	597
Drains tested—Old Property .. .. .	695
Sanitary fittings tested—Old Property ..	98
Drains tested—New Property .. .. .	752
Sanitary fittings tested—New Property ..	361
Foul Privies abolished .. .. .	279
Foul Ashpits „ .. .. .	159
Intercepting traps provided to drains .. ..	29
Ventilating shafts provided at head of drains.	38
Private Drainage—6-inch pipes (new) 669 feet	
„ „ 4-inch „ „ 55feet	
Automatic Closets repaired .. .. .	67

### INFECTIOUS CASES.

Infectious diseases reported .. .. .	185
Patients removed to Hospital .. .. .	89
Rooms fumigated .. .. .	253
Rooms stripped and washed .. .. .	98
Articles disinfected .. .. .	1525
Schoolrooms fumigated .. .. .	109
Visits in respect of infectious diseases .. ..	642
Certificates sent to Schools .. .. .	95
Notices sent to Education Department, after disinfection .. .. .	77
Notices to remove patients sent to Ladywell	79

### SLAUGHTER-HOUSES, COWSHEDS, AND MILKSHOPS.

Visits to cowsheds, dairies, and milkshops..	784
Additional Cowshed provided .. .. .	1



Notices re cowsheds	.. .. .	13
Visits to slaughter-houses	.. .. .	344
Visits to Mode Wheel Lairages	.. .. .	220
Meat destroyed, about	<div> <div>Beef</div> <div>Mutton</div> <div>Veal</div> </div> <div> <div>4,210</div> <div>690</div> <div>1,920</div> </div>	<div> <div>6,820 lbs.</div> </div>
Pork destroyed	.. .. .	405 lbs.
Deceased and unsound offals destroyed	..	17,804 lbs.
Fish destroyed (Kippers)	.. .. .	25 lbs.

## CLEANSING DEPARTMENT.

Wet pits emptied	.. .. .	3,992
Dry ashplaces emptied	.. .. .	19,120
Dust bins emptied	... .. .	235,332
		—————258,444
Loads removed from wet pits..		1,294
„ „ „ dry ashplaces		3,317
„ „ „ dust bins		4,478
Loads removed of clinkers	..	605
		————— 9,694
Applications to remove refuse	.. .. .	181
Loads tipped at the Destructor	.. .. .	5,040

## HACKNEY COACH DEPARTMENT.

Cricket ground licenses	.. .. .	104
Hackney coach licenses	.. .. .	29
Omnibus licenses	.. .. .	11
Tramcar licenses	.. .. .	114
Hackney carriage drivers' licenses..	..	33
Omnibus drivers' licenses	.. .. .	220
Omnibus conductors' licenses	.. .. .	219

## OTHER LICENSES.

Special cricket licenses	.. .. .	170
Petroleum licenses	.. .. .	12
Slaughterhouse licenses	.. .. .	8
Game licenses	.. .. .	2
Provisional licenses	.. .. .	11
Provisional repair licenses	.. .. .	5

Licenses refused .. .. .	1
Articles left in cabs .. .. .	5
Attendance at Cricket Ground .. ..	45
Attendance at Botanical Gardens ..	29

## MISCELLANEOUS.

Complaints attended to .. .. .	207
Samples of foods and drugs submitted for analysis .. .. .	75
Prosecutions under Food and Drugs Acts ..	7
Samples of water submitted for analysis ..	0
Proceedings under the Public Health Act..	7
Prosecutions for firing chimneys .. ..	26
Prosecutions under Hackney Coach Byelaws.	3
Smoke observations taken .. .. .	222
Fruit destroyed Strawberries ..	24lbs.
Black Currants	1,030lbs.
Cherries .....	6lbs.
————	1,060 lbs.

Accumulations of manure removed after notice	14
Overcrowding of bedrooms .. .. .	2
Accumulation of fish offal .. .. .	2
Dirty sanitary conveniences .. .. .	7
Dirty Bedrooms .. .. .	3

## FACTORY AND WORKSHOPS ACT.

Bakehouses cleansed and limewashed .. ..	5
Waterclosets for workmen repaired .. ..	2
Bakehouses insufficiently ventilated and walls and ceilings limewashed .. .. .	4
Defective drain in yard of bakehouses ..	2
Visits to Bakehouses .. .. .	134
„ jam works .. .. .	29
„ laundries .. .. .	8
„ dressmakers, etc. .. .. .	29
„ cabinet works .. .. .	4
„ various classes of workshops .. ..	31

Visits to boot and shoe repairing works	..	19
„ confectionery workshops	.. ..	7
„ joiners' workshops	.. .. .	5
„ Tailors' workshops	.. .. .	7
„ plumbers' workshops	.. .. .	11
„ sausage making workshops	.. ..	35
Defective sanitary conveniences attended to		4
Dirty waterclosets cleansed	.. .. .	11
New W.C.'s to factory	.. .. .	2
Dirty condition of shoemaking workshops	.	3
Choked Bakehouse drains	.. .. .	4
Foul condition of bakehouse W.C.'s	.. ..	2

## OUTWORKERS.

Visits to outworkers as per list	.. .. .	49
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## WORK CARRIED ON.

## NO. VISITED.

Baby underclothing making	.. .. .	1
Dressmaking	.. .. .	1
Handkerchief Hemming	.. .. .	4
Making children costumes	.. .. .	2
Making men's shirts	.. .. .	2
Tailoress	.. .. .	2
Making men's overalls	.. .. .	1
Men Tailoring	.. .. .	1
Mantle making	.. .. .	1
Ladies underclothing	.. .. .	2
Upholstering	.. .. .	1
Towel hemming	.. .. .	1

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19

Wrong addresses or left	.. .. .	30
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49

## INFECTIOUS DISEASES.

TABLE SHOWING NUMBER OF INFECTIOUS CASES DEALT WITH MONTHLY.

Month.	Scarlet Fever.		Typhoid Fever		Diphtheria.		Erysipelas.	Membranous Croup.	Smallpox.	Measles.	Puerperal Fever.	Continued Fever.	Total	Removed to Hospital.
January .	6	1	1	1	3	3	..	..	1	..	..	..	11	6
February.	9	6	1	..	4	1	1	..	..	..	..	..	15	7
March ....	15	10	1	..	1	..	..	..	..	..	..	..	17	10†
April ....	8	7	3	3	2	1	1	..	..	..	..	..	14	11
May ....	7	5	1	1	..	..	3	..	..	..	..	..	11	6
June ....	4	1	..	..	..	..	2	..	..	..	..	..	6	1
July ....	8	4	1	1	2	1	3	..	..	..	1	..	15	6
August ..	17	13	..	..	2	1	2	..	..	..	..	..	21	14
September	10	5	..	..	1	..	1	..	..	..	..	..	12	5
October .	18	3	1	..	2	..	2	1	..	..	..	..	24	3
November	10	3	5	5	2	..	4	..	..	..	..	..	21	8
December	13	11	..	..	3	1	1	..	..	..	1	..	18	12
Total 1905	*69		*11		*8		..	..	*1	..	..	..	..	89
	125		14		22		20	1	1	..	2	..	185	..
1904	*48		*5		*40		*3	..	*3	..	*1	..	172	100
	68		17		64		20	..	3	..	1	..		

\*Removed to Hospital.

† One Case removed Baguley Hospital.

During the year 1905 the Medical Profession have notified to your Medical Officer of Health 185 persons to be suffering from Infectious Disease, and into each case your Inspectors have made careful inquiries with a view to tracing its origin. In this direction your officers have met with considerable success.

In addition to using every care to trace the disease your officers supply the occupier of every affected house with printed instructions of precautions necessary to prevent the disease from spreading. They also leave a circular pointing out the penalties for exposing a person suffering from an infectious disease.



DISINFECTION OF BEDDING, &c.  
MONTHLY TABLE SHOWING NUMBER OF ARTICLES  
DISINFECTED.

Month.	Beds.	Blankets.	Sheets.	Pillows.	Bolsters.	Quilts.	Shawls.	Mattresses.	Mattresses Destroyed.	Skirts.	Carpets.	Rugs.	Cloaks.	Shirts.	Sundries.	Total.
January .. ..	5	5	3	10	5	5	...	2	...	...	...	...	...	...	17	52
February ..	8	13	11	17	7	12	...	7	2	...	12	...	...	...	11	100
March .. ..	17	34	21	34	11	21	1	7	6	...	...	1	...	...	37	190
April .. ....	12	23	18	24	11	15	...	4	1	...	...	...	...	...	40	148
May .. .. .	13	23	18	23	11	15	...	3	1	...	...	...	...	...	41	148
June .. .. .	10	12	14	14	10	12	...	4	3	...	...	...	...	...	25	104
July .. .. .	7	14	11	13	6	7	...	5	...	1	...	2	...	...	12	78
August .. ..	9	13	7	15	8	9	...	6	...	...	...	...	...	...	12	79
September ..	17	31	27	42	16	25	...	3	...	...	...	...	...	...	35	196
October .. ..	10	10	13	14	9	10	1	...	...	1	7	6	...	1	16	98
November.. ..	13	30	29	26	13	17	...	...	...	...	...	...	...	...	27	155
December ..	16	24	32	29	9	8	8	6	...	1	3	3	...	...	38	177
Total 1905 ..	137	232	204	261	116	156	10	47	13	3	22	12	...	13	11	1525
Total 1904 ..	148	224	205	289	124	188	8	23	3	6	8	38	4	13	293	1594

The statement above shows that 1,525 articles have been exposed to infection, and have been fumigated at the Sanitary Depot during the past 12 months, as compared with 1,594 the previous year. Disinfecting is done by steam and hot air. Every care is exercised in the operation to secure thorough disinfection and to return all articles to the owners dry and free from damage.

Generally speaking, all articles from infected houses are subject to moist heat at a temperature of 260 degrees for at least 40 minutes, after which dry air is admitted into the chamber with the jacket at a temperature of about 10 degrees

lower than the moist heat, and remains at that temperature for at least sixty minutes ; by this process the dryness of the article is secured.

During the year not a single complaint has been received by me of any damage done to any article disinfected. It may be added that steam is not used in the case of hair mattresses, leather, feathers, or articles of a similar character.

TABLE SHOWING NUMBER OF ROOMS FUMIGATED, AND THE NUMBER STRIPPED AND WASHED EACH MONTH.

Month.	Scarlet Fever.		Typhoid Fever.		Diphtheria.	Erysipelas.	Membranous Croup.	Cancer.	Phthisis.	Puerperal Fever.	Filth.	Schoolrooms.	Smallpox.		TOTAL.	
January ..	4	*4	1	3	..	..	..	..	..	..	..	29	..	..	37	*4
February ..	6	*5	2	..	..	..	..	..	..	..	..	..	3	*3	11	*8
March ..	12	*12	..	4	..	..	..	..	1	..	..	..	..	..	17	*12
April .. ..	9	*9	2	2	..	..	..	..	..	..	..	..	..	..	13	*9
May .. ..	9	*9	2	1	..	..	..	..	..	..	..	..	..	..	12	*9
June .. ..	6	*5	2	..	..	..	..	..	1	..	..	69	..	..	78	*5
July .. ..	3	*2	..	1	..	..	..	..	2	1	..	..	..	..	7	*2
August ..	7	*6	1	..	..	..	..	..	..	..	..	..	..	..	8	*6
September .	19	*17	..	3	..	..	..	..	..	..	..	..	..	..	22	*17
October ..	6	*5	..	..	..	..	..	..	..	..	..	..	..	..	6	*5
November..	8	*7	4	2	..	..	..	..	..	..	..	11	..	..	25	*7
December .	14	*14	..	2	1	..	..	..	..	..	..	..	..	..	17	*14
Total ..	103	*95	14	18	1	..	..	..	4	1	..	109	3	*3	253	*98

\*Stripped and Washed.

The above statement sets forth the number of rooms fumigated for the separate diseases, the number washed and

stripped during the year being reported upon. The total number of rooms fumigated since my last annual report are 253 as against 302 the previous year, a slight decrease on the previous year.

In all cases of Scarlet Fever and Smallpox, not only are the rooms fumigated, but the whole of the paper is removed from the walls. In carrying out the instructions of your committee in this direction the staff has stripped the paper from the walls of 98 rooms, which they afterwards washed down with a solution of disinfecting fluid.

As in previous years carbolic powder and disinfecting fluid has been supplied to all ratepayers free of charge from the Sanitary Department, Talbot Road, Sanitary Depot, Empress Street, and from the Town Hall, Stretford. Whilst the amount of powder given out has decreased, fluid has considerably increased, principally owing to the same being supplied to all the schools from the Health Department.

During the past year 109 schoolrooms have been fumigated, every assistance being rendered by the caretakers in the operation.



TABLE SHOWING THE NUMBER OF TIMES THE HORSE  
AMBULANCE HAS BEEN USED EACH MONTH.

MONTH.	Person Removed						Cause of Removal.		Total.
	To Manchester Infirmary	To Salford Hospital	To Union Hospital.	To a Private Hospital	Mortuary	Home	Accident	Invalid	
January .	..	3	..	..	..	..	3	..	3
February	1	3	..	..	..	2	4	2	6
March ..	2	2	..	..	..	..	3	1	4
April ..	1	5	..	..	..	..	3	3	6
May ..	3	3	..	..	..	..	2	4	6
June ..	4	3	1	..	2	..	7	3	10
July ..	3	2	..	..	..	1	5	1	6
August ..	2	1	..	..	..	1	3	1	4
September	4	6	1	1	..	..	9	3	12
October .	5	4	..	..	..	..	8	1	9
November	2	8	..	..	..	..	9	1	10
December	3	5	..	..	..	2	6	4	10
Total 1905	30	45	2	1	2	6	62	24	86
Total 1904	26	14	4	1	..	9	36	18	54

During the year 1905 the Horse Ambulance has been requisitioned 86 times, as against 54 the year previous. Of the first-mentioned number of services 62 were for accidents the remainder to remove invalids or cases for surgical operations.

45 cases of accident were removed to the Royal Hospital Salford, as against 30 taken to the Manchester Infirmary.

In case of accident no charge is made for ambulance service,

nor is any fee charged for the removal of ratepayers from their homes to Public or Private Institutions for purposes of operation.

Persons, other than ratepayers, may secure ambulance service to remove a patient for operation purposes on payment of a fee of 5s. up to the first two miles, and a shilling per mile for each succeeding mile to a maximum distance of seven miles.

In all cases where the Ambulance is required for the removal of persons for the purpose of operation, sufficient notice should be given to the Chief Sanitary Inspector so that adequate arrangements can be made in case of accident.

To Mr. Superintendent Keys, of the County Police, are due the thanks of the Council for the interest he and the constables have shown, and services rendered on all occasions of ambulance service during the year. It is not generally known that at any time of the night, as well as during the day, the ambulance (through the courtesy of Mr. Keys) is available for cases of accident.

Your horsekeeper, Mr. Fry, acts as driver on all occasions, night or day. He, having had an ambulance training, has on many occasions rendered first aid.

## FOOD AND DRUGS ACT.

SAMPLES SUBMITTED TO COUNTY ANALYST DURING 1905.

No.	Kind of Sample.	Genuine	Poor or Doubtful	Adult'rat'd or Below Standard	Fines and Costs.
54	Milk .. ..	44	1	9	£10 4s. 0d.
1	Tea .. ..	1	..	..	..
4	Butter .. ..	4	..	..	..
2	Coffee .. ..	2	..	..	..
5	White Pepper ..	5	..	..	..
2	Arrowroot .. ..	2	..	..	..
2	Malt Vinegar ..	2	..	..	..
4	Bread .. ..	4	..	..	..
1	Margarine .. ..	1	..	..	..
75		65	1	9	£10 4s. 0d.

During the year being reported upon 75 samples of food have been submitted for analysis by the County Analyst.

65 of the beforementioned samples were certified by the County Analyst to be genuine ; 1 to be poor or doubtful ; whilst nine of the samples he stated had been adulterated by the addition of water varying from 3 to 7 per cent.

In the case of the doubtful sample another was obtained from the same place, which the analyst certified to be genuine.

The whole of the adulterated samples were obtained from milk in course of delivery, viz. at railway stations within the district. The consignor of each of the adulterated samples of milk were fined by the County Stipendiary.



STATEMENT OF SAMPLES PURCHASED IN THE  
DISTRICT BY THE COUNTY POLICE.

No. of Samples taken.	Kind of of Sample.	Genuine.	Adult'rat'd	Amount of fine and costs.	Remarks
17	Milk .. ..	16	1	£ s. d. 2 14 3	..
6	Cheese .. ..	6	..	..	..
7	Whisky .. ..	7	..	..	..
3	Rum .. ..	3	..	..	..
26	Butter .. ..	26	..	..	..
3	Pepper .. ..	3	..	..	..
3	Tea .. ..	3	..	..	..
1	Ginger .. ..	1	..	..	..
66		65	1	2 14 3	..

As will be seen from the above statement (supplied by Mr. Superintendent Keys) the County Police have submitted 66 Samples of Food (purchased within the district of Stretford) for analysis by the County Analyst, who certified one sample of milk to be adulterated, the consignor of which was fined £2 14s 3d.

During the year being reported upon 141 samples have been submitted for analysis from your district, against 154 the preceding year, and is equal to 3.6 per 1,000 ; the previous year being 4.5.

Of the 141 samples submitted 130 were certified to be genuine, 10 adulterated, and one doubtful.

## TESTING OF DRAINS AND SANITARY FITTINGS.

TABLE SHOWING THE NUMBER OF DRAINS AND SANITARY  
FITTINGS TESTED MONTHLY IN OLD AND NEW  
PROPERTY.

Month.	Old Property.				New Property.			
	Drains.		Fittings.		Drains.		Fittings.	
	Tested	Defects	Tested	Defects	Tested	Defects	Tested	Defects
January ..	40	21	2	..	63	20	25	16
February ..	54	26	5	3	62	24	17	6
March .. ..	34	10	5	4	34	15	43	13
April .. ..	48	30	15	9	75	30	38	17
May .. ..	49	31	15	8	76	31	38	17
June .. ..	85	41	13	6	44	11	29	17
July .. ..	43	21	3	1	52	24	5	3
August ..	39	16	4	1	70	21	39	14
September ..	52	18	12	8	90	30	45	24
October ..	50	20	5	2	84	44	20	5
November ..	101	38	14	11	82	36	37	18
December ..	100	75	5	5	20	4	25	16
Total 1905	695	347	98	58	752	290	361	166
Total 1904	552	249	146	87	899	399	320	171

The necessity of applying either the hydraulic or smoke test to drains and sanitary fittings is very forcibly demonstrated by the above statement.

## OLD PROPERTY.

During the year being reported upon 695 tests have been applied to the drains of old property, disclosing the fact that 347 or 50 per cent of them were defective, also in connection with this class of property 98 tests were made to sanitary fittings, which brought to light 58 defects, equal to 59 per cent. of the fittings tested.

## NEW PROPERTY.

As may be seen from the above statement of the 752 tests made to drains of new property, 290, or  $38\frac{1}{2}$  per cent., were defective ; also of the 361 tests to which sanitary fittings were subjected, no less than 166 show defects equal to 46 per cent. of the applied tests.

Of the 1,447 tests applied to the drains of old and new property no less a number than 637, or 44 per cent., were defective ; also of the 459 tests to which sanitary fittings were subjected 224 of them show defects, equal to  $48\frac{3}{4}$  per cent. of the fittings tested.

The tests above mentioned have not only disclosed improperly made joints, due to bad workmanship or material, but they have been the means of detecting defects in the body of the pipes, which were nearly always due to sand or fire cracks, and which could not have been otherwise detected, owing to the true ring such pipes give on the application of the hammer test.

## SMOKE OBSERVATIONS.

In order to prevent atmospheric pollution by the emission of Black Smoke from chimneys (not being those of a private dwelling house) your officers have taken 222 Smoke Observations (of one hour each) during the year. The time limit of four minutes in the hour allowed by this Council has been exceeded 14 times since my last annual report.

Each of the above 14 cases were reported to your Sanitary Committee. Notices were served to abate the nuisance in four instances, and in seven instances summons were taken



out and a conviction obtained in respect of each. The three remaining cases were explained to the Committee's satisfaction. The observations were taken in respect to 37 firms, the aggregate of black smoke emitted amounted to 283 minutes. On the average emission there has been a slight improvement on the preceding year, viz.—1 minute 16 seconds per hour, against 2 minutes 35 seconds during 1904.

I may add that numerous verbal complaints have been made with respect to the amount of black smoke given out by railway engines, not only when attached to trains but when the engines are standing in the Cornbrook siding, but the difficulty seems to be that the offender is scarcely ever the same engine or driver. During the ensuing year increased attention will be paid to this nuisance.

Each firm whose chimney has been under observation is furnished with a copy of the results of the observation, and this appears to be appreciated.

#### CLEANSING DEPARTMENT.

TABLE SHOWING THE NUMBER OF REFUSE RECEPTACLES  
IN EACH WARD, DECEMBER 31ST, 1905.

Ward.	Wet Pits.		Dry Pits.		Dust Bins.	Total.
	Double.	Single.	Double.	Single.		
Stretford ..	59	71	152	81	721	1084
Longford ..	35	55	77	75	232	474
Talbot ..	9	43	100	119	1418	1689
Trafford ..	29	18	283	131	1384	1845
Cornbrook ..	7	18	84	150	438	697
Clifford ..	11	5	374	200	590	1180
Total 1905	150	210	1070	756	4783	6969
Total 1904	271	276	1063	743	4137	6498

From the above statement it will be seen that in your

district there are still 150 double wet pits, and 210 single ones, representing 510 privies or 360 privy ashpits ; but from the next statement it is apparent that a considerable number of the above privies are simply used as dry ash receptacles.

In the District there are 1,070 double and 756 single dry ashpits, used by 1,826 houses, and, speaking generally, they are made the receptacle for dry refuse, but during the year your Inspector has had to warn several house-holders against throwing liquid into this class of ashpit.

There are 646 more galvanized dust bins in use throughout the district than there were in 1904. All dust bins are emptied weekly—in a few exceptional instances twice per week.

STATEMENT SHOWING THE NUMBER OF WET PITS IN EACH  
WARD YET REQUIRING TO BE CONVERTED, DECEMBER  
31ST, 1905.

Ward.	Double Wet Pits.	Not Required to be Converted	Nett Number Requiring to be Converted	Single Wet Pits	Not Required to be Converted	Nett Number Requiring to be Converted	Total yet to be Converted
Stretford ..	59	32	27	71	51	20	47
Longford ..	35	25	10	55	39	16	26
Talbot ..	9	7	2	43	37	6	8
Trafford ..	29	1	28	18	6	12	40
Cornbrook ..	7	0	7	18	5	13	20
Clifford ..	11	2	9	5	3	2	11
Total ..	150	67	83	210	141	69	152

The above statement is similar to the one your Committee requested to be contained in my annual report for the year 1902.

The term “ Double ” means that two or more houses have privy conveniences discharging into an ashpit used in common.

The term “ Single ” means there is only one privy convenience discharging into an ashpit used only by one house.

The above number of wet pits will no doubt be further reduced during the ensuing year.

TABLE SHOWING NUMBER OF APPLICATIONS TO EMPTY ASH-PITS FROM EACH WARD.

Month.	Stretford.	Longford.	Talbot.	Trafford.	Cornbrook.	Clifford.	Total per Month.
January .. ..	2	1	4	3	3	..	13
February .. ..	..	1	..	4	6	4	15
March .. .. .	..	1	5	10	1	2	19
April .. .. .	1	1	2	3	1	3	11
May .. .. .	2	2	3	5	6	4	22
June .. .. .	4	1	4	9	6	3	27
July .. .. .	3	..	7	4	6	5	25
August .. ..	1	1	2	8	3	5	20
September .. ..	3	..	1	2	1	1	8
October .. ..	2	..	2	4	1	2	11
November .. ..	1	1	..	2	..	1	5
December .. ..	1	..	1	1	2	..	5
Total 1905. ..	20	9	31	55	36	30	181
Total 1904 ..	36	19	39	61	52	23	230

After a six years' trial the "Block System" of removing nightsoil and other domestic refuse has proved satisfactory. This is borne out by the reduced number of written applications received during the year. Of the 181 requests made, many are from works, factories, and places which are locked up, or to which the nightsoil men have not free access.

It may interest the Council to know that in 1891 there were in the district 4,418 houses (not to mention works), and during that year 5,352 written applications were received from rate-payers requesting the removal of domestic refuse, &c. Yet



I find that in the middle of the year 1905 there were in your district 7,961 houses from which only 181 requests have been made to clear their domestic refuse.

STATEMENT SHOWING NUMBER OF RECEPTACLES EMPTIED EACH MONTH.

Month.	Wet Pits.	Dry Pits.	Sanitary Dust Bins.	Total Emptied.
January .. .. .	288	1134	16946	18368
February .. .. .	421	1662	21652	23735
March .. .. .	366	1445	17384	19195
April .. .. .	380	1578	17718	19676
May .. .. .	286	1165	17631	19082
June .. .. .	377	1645	24058	26080
July .. .. .	249	1459	16500	18208
August .. .. .	329	1666	18614	20609
September .. .. .	407	2085	23020	25512
October .. .. .	303	1887	18496	20686
November .. .. .	421	2004	24003	26428
December .. .. .	165	1390	19310	20865
Total 1905 .. .. .	3992	19120	235332	258444
Total 1904 .. .. .	5110	20905	205776	231787

The above statement shows there has been a falling off in the number of Wet Pits emptied during the year. This is due to the abolition of privies and the substitution of galvanized dust bins for the receipt of domestic refuse. On the other hand there has been 29,556 more dust bins emptied than in 1904. The refuse receptacles emptied this year number 258,444 against 231,787 the year previous.

The increased number of receptacles emptied during the year is entirely due to the adoption of the galvanized dust bin in lieu of the fixed receptacle. There are in the district 4,783 galvanized dust bins.



TABLE SHOWING NUMBER OF LOADS OF NIGHTSOIL, ASHES,  
CLINKERS, ETC., REMOVED MONTHLY.

Month.	Number of Loads Removed from				Clinkers	Total Loads Re- moved.
	Wet Pits.		Dry Pits.	Dust Bins.		
	Night soil.	Rub- bish.				
January ..	66	48	210	322	1	647
February ..	74	72	340	430	74	990
March .. ..	46	53	288	338	32	757
April .. ..	54	62	272	343	22	753
May .. ..	46	49	232	350	33	710
June .. ..	51	71	352	458	63	995
July .. ..	39	51	260	317	16	683
August ..	45	63	247	356	23	734
September ..	48	81	275	422	38	864
October ..	43	44	281	343	30	741
November ..	56	62	321	443	54	936
December ..	40	30	239	356	219	884
Total 1905	608	686	3317	4478	605	9694

Owing to the diminution in the number of Wet Pits less loads of nightsoil have been removed this year than were so dealt with during 1904 and previous years. On referring to the year 1897 I find that 4,330 loads of nightsoil were removed from wet pits against 608 for the year under review.

The above statement shows an increase in the number of loads removed from dust bins, viz. : 4,478 against 4,033 for the previous year. The loads from wet pits will, I trust, show a decrease during the ensuing year.

TABLE SHOWING WHERE LOADS OF NIGHTSOIL, CLINKERS, REFUSE, BRICK BATS, FLUE DUST, ETC.,  
HAVE BEEN TIPPED EACH MONTH.

NIGHTSOIL, ASHES, &c.										CLINKERS, FLUEDUST, BRICKBATS, SOIL, &c.								
Month.	Stott's	Lowe's	Dawson's	Humphrey Street.	Destructor	Clay Pit	Total	Lowe's, C.	Lowe's, B.B.	Clay Pit, C.	Clay Pit, B.B.	Humphrey St., C.	Soil and Clay	Emerys Clinkers	Emerys Clay	Sundries	Total	Grand Total
January ..	66	194	..	..	343	43	646	..	1	..	..	..	..	..	..	..	1	647
February ..	74	274	..	..	497	71	916	41	5	..	..	28	..	..	..	..	74	990
March ..	46	208	..	..	402	69	725	4	1	17	10	..	..	..	..	..	32	757
April ..	54	219	..	..	408	50	731	..	..	20	2	..	..	..	..	..	22	753
May ..	46	192	..	..	383	56	677	15	..	18	..	..	..	..	..	..	33	710
June ..	51	281	..	..	502	98	932	30	..	31	..	..	..	..	..	2	63	995
July ..	39	204	..	..	372	52	667	1	..	2	13	..	..	..	..	..	16	683
August ..	45	210	..	..	400	56	711	3	..	18	2	..	..	..	..	..	23	734
September ..	48	268	..	..	443	67	826	15	..	21	2	..	..	..	..	..	38	864
October ..	43	261	..	..	403	4	711	27	..	..	3	..	..	..	..	..	30	741
November ..	56	307	..	..	497	22	882	13	..	21	2	..	18	..	..	..	54	936
December ..	40	192	..	..	390	43	665	1	..	17	8	..	60	7	126	..	219	884
Total ..	608	2810	..	..	5040	631	9089	150	7	165	42	28	78	7	126	2	605	9694

The whole of the contents of Wet Privy Pits East of Great Stone are taken to the farm of Stotts Exors., Seymour Grove, and the contents of similar conveniences West of Great Stone are tipped at Stretford.

## DESTRUCTOR WORKS.

TABLE SHOWING THE NUMBER OF LOADS DEALT WITH  
MONTHLY AT THE DESTRUCTOR WORKS.

Month	Loads Tipp'd	Assumed Weight.								
		Per Load			Tipped			Destroyed		
		T.	C.	Q.	T.	C.	Q.	T.	C.	Q.
January ..	343	1	6	0	445	18	0	445	18	0
February ..	497	1	6	0	646	2	0	646	2	0
March .. ..	402	1	6	0	522	12	0	522	12	0
April .. ..	404	1	6	0	525	4	0	522	12	0
May .. ..	384	1	6	0	499	4	0	525	4	0
June .. ..	487	1	6	0	633	2	0	633	2	0
July .. ..	382	1	6	0	496	12	0	496	12	0
August ..	404	1	6	0	525	4	0	525	4	0
September ..	446	1	6	0	597	16	0	597	16	0
October ..	404	1	6	0	525	4	0	525	4	0
November ..	491	1	6	0	638	6	0	638	6	0
December ..	396	1	6	0	514	16	0	514	16	0
Total 1905 ..	5040	1	6	0	6552	0	0	6552	0	0
Total 1904 ..	*5098	1	6	0	6627	8	0	6627	8	0

† Average for 12 months.

Assuming that each load weighs 26 cwts., 6,552 tons of domestic refuse will have passed through the Destructor, which is equal to over nine tons per cell of twelve working hours, a slight increase on the preceding year.

In addition to the amount of refuse above named, I estimate your Destructor has dealt with some 135 tons of trade refuse, which is an increasing quantity, much of which is very difficult to deal with.



# MODE WHEEL LAIRAGES AND SLAUGHTER-HOUSES.

TABLE SHOWING MONTHLY THE NUMBER OF VISITS TO  
SLAUGHTER-HOUSES, ALSO THE NUMBER OF CATTLE  
AND SHEEP SLAUGHTERED AT THE LAIRAGES.

Month.	Visits to S'l't'r- ho'ses	Slaughtered at the Lairages.		Pigs	Condemned and Destroyed.							Sun- dries. lbs.	£ s. d.	
		Cattle	Sheep		Cattle lbs.	Sheep lbs.	Im'a- ture Calves lbs.	T'ng's H'rts	Livers	Lungs	Heads	Skirts		
January ..	25	1229	..	..	30	70	60	..	26	1	1	1	34	0 0
February ..	26	2971	580	..	1680	160	360	2	51	4	3	3	92	0 0
March ..	26	2291	..	..	90	..	..	..	31	..	..	..	10	0 0
April ..	30	2932	..	..	490	..	120	..	26	5	3	1	21	0 0
May ..	18	1802	..	..	920	..	..	2	35	12	7	2	55	0 0
June ..	44	2366	..	..	..	..	120	..	13	1	1	1	12	0 0
July ..	31	1144	300	150	50	..	360	..	37	1	1	1	40	0 0
August ..	27	2459	104	..	..	320	120	..	33	3	4	1	30	0 0
September ..	25	3970	1034	..	..	..	..	..	49	10	11	1	22	0 0
October ..	29	3309	341	..	450	70	360	..	55	9	11	2	37	0 0
November ..	32	4256	516	..	450	70	360	..	57	4	3	2	36	0 0
December ..	31	2966	46	..	50	..	60	..	27	..	..	1	12	0 0
Total 1905 ..	344	30514	2751	150	4210	690	1920	4	440	50	45	16	401	0 0
Total 1904 ..	288	30196	12575	..	11960	1980	960	16	388	178	39	35	556	0 0



From the above statement it will be seen that 344 visits have been paid to private slaughter-houses. As a result the carcasses of two pigs have been seized as being diseased (tuberculous) and unfit for food of man, also several organs have been confiscated owing to being affected with disease of a parasitic nature.

At the Foreign Animals wharf 30,514 head of cattle have been slaughtered, and inspected, during the year under consideration ; also during the same period your officers have destroyed as being unfit for food of man about 6,820 lbs. of beef, mutton, and veal ; also 440 diseased livers have been dealt with in a like manner.

In addition to the foregoing over 17,000 lbs. of sundry offal has been destroyed, the same being unfit for human food. The value of the meat, organs, and offal seized and destroyed is estimated at £400.

The Mode Wheel Lairages were opened to trade in August, 1896. Since that time there has been a steady increase in the number of animals slaughtered thereat, as will be seen from the following statement.

	Cattle	Sheep	Pigs
1896	1046	698	..
1897	3542	1529	..
1898	6323	2661	..
1899	8758	4045	..
1900	15,094	5272	..
1901	14,063	13,890	..
1902	14,447	5018	..
1903	24,081	13,143	..
1904	28,859	12,576	..
1905	30,639	2752	150
Total.	146,852	61,584	150

## HACKNEY CARRIAGE DEPARTMENT.

TABLE SHOWING NUMBER OF LICENSES GRANTED FROM JANUARY 1ST TO DECEMBER 31ST, 1905.

Class of License.	1905 No. Issued.	Rate		Amount Received.		1904 No. Issued.	Rate		Amount Received.		Increase.		Decrease.	
		s.	d.	£	s. d.		s.	d.	£	s. d.	£	s. d.	£	s. d.
Cricket Ground .. ..	104	5	0	26	0 0	77	5	0	19	5 0	6	15 0	0	0
Hackney Coach .. ..	29	5	0	7	5 0	31	5	0	7	15 0	..	..	0	10 0
Omnibus .. ..	11	5	0	2	15 0	14	5	0	3	10 0	..	..	0	15 0
Tramcar .. ..	114	1	0	5	14 0	82	1	0	4	2 0	1	12 0	0	0
Hackney Drivers .. ..	33	1	0	1	13 0	36	1	0	1	16 0	..	..	0	3 0
Omnibus Drivers .. ..	9	3	0	1	7 0	4	3	0	0	12 0	0	15 0	..	..
Omnibus Drivers .. ..	211	1	0	10	11 0	176	1	0	8	16 0	1	15 0	..	..
Omnibus Conductors .. ..	9	3	0	1	7 0	6	3	0	0	18 0	0	9 0	..	..
Omnibus Conductors .. ..	210	1	0	10	10 0	176	1	0	8	16 0	1	14 0	..	..
Other Licenses—														
Petroleum Licenses .. ..	11	2	6	1	7 6	13	2	6	1	12 6	..	..	0	5 0
” .. ..	1	1	0	0	1 0	1	1	0	0	1 0	..	..	..	..
Special Cricket Ground .. ..	170	1	0	8	10 0	..	..	..	..	..	8	10 0	..	..
Slaughter-house .. ..	8	1	0	0	8 0	8	1	0	0	8 0	..	..	..	..
Game Licenses .. ..	2	7	6	0	15 0	2	7	6	0	15 0	..	..	..	..
Provisional .. ..	11	..	..	..	..	6	..	..	..	..	..	..	..	..
Provisional Repairs .. ..	5	..	..	..	..	7	..	..	..	..	..	..	..	..
Total .. ..	938	..	..	78	3 6	639	..	..	58	6 6	21	10 0	1	13 0

As will be seen from the above statement 938 licenses have been issued during the year, as against 639 for the year

previous ; the revenue for 1905 being £78 as compared with £58 for 1904. The increase being due to the issue of special licenses for the Australian and Yorkshire Cricket Matches. The ensuing season will no doubt see a decline of revenue owing to absence of Test matches.

The regulation of the vehicular traffic, especially during the most important matches, has been maintained throughout the whole of the cricket season, and the excellent services rendered by the County Police during the Australian Test matches will, I feel sure, be greatly appreciated by the Council.

### HEALTH DEPARTMENT.

During the year under consideration it has been necessary to issue 335 formal and 60 legal notices to secure the abatement of nuisances and removal of insanitary conditions found to exist which were dangerous to health ; for similar purposes the preceding year 224 of the former and 51 of the latter were issued. Notwithstanding the service of so large a number of notices it is pleasing to report that with the exception of those relating to smoke nuisances it has not been necessary to institute summary proceedings to secure compliance with the requirements of the Council.

In the detection of nuisances and conditions inimical to health, much useful work has been done in the removal of insanitary conditions. In supervising the work necessary to do so I estimate that no less than 1,400 visits and revisits have been made by your sanitary staff.

During the year 29 intercepting traps have been fixed to disconnect the house drains from the main sewers and by the provision of fresh air inlets thereto, and the erection of 38 ventilating shafts at the head of such drains, through ventilation has been secured.

1905 has again seen a further reduction in the number of those objectionable conveniences called privies ; as previously stated there are not a very large number of them now existing, and which the Chairman of the Sanitary Committee (Mr. Councillor Robinson) hopes to still further reduce during the ensuing year.



## COWSHEDS, DAIRIES AND MILKSHOPS.

Within the district there are 16 cowkeepers, occupying 27 cowsheds, one more than the year previous.

The standard of cubic space adopted by your Council has been maintained throughout the year, except in two instances, which have now been provided

The standard of cubic space fixed for old cowsheds is 600 feet per head, for new cowsheds 800 cubic feet. Permanent ventilation is also required in every cowshed.

Your officers regularly visit the cowsheds and periodically examine the udders of the cows, and it is satisfactory to report that not a single indurated or tuberculous udder has been noticed during the year.

There are on the register the names of 79 persons who sell milk within the district, 39 of whom reside outside your jurisdiction (so far as inspection of their premises are concerned), the remaining 40 being those of persons residing in the district. These premises are regularly visited by your officers, and any breach of your Council's regulations, as to the storage of milk intended for sale, are pointed out to the person whose name is on the register, with a request to comply with the requirements of the Council. In nearly every instance such requests are forthwith complied with. In other cases the matter is reported to the Committee.

## INSPECTION OF FACTORIES, WORKSHOPS, WORKPLACES, AND OUTWORKER'S PREMISES.

The provisions of the Factory and Workshops Act, 1901, cast upon Local Authorities increased responsibilities, and in carrying out the Act 432 inspections have been made during the year to the various premises mentioned above. As a result of the above inspections sixteen notices have been served to remove insanitary conditions found to exist, and which could be dealt with under the provisions of the Public Health Act, 1875.

Section 107 of the Factory Act requires the occupiers of all factories and workshops employing outworkers to supply to the Local Authority of the district during the first weeks of



the months of February and August each year a list giving the names and addresses of all such outworkers. On the receipt of such lists it is the duty of your Council (by its officers) to visit the houses of all outworkers to note any breach of the Act and seek to remedy insanitary conditions found to exist.

Six lists, containing the names of 93 outworkers, have been received during the year, and in each case the premises situated within the district have been visited and entered in the Outworkers' Register, where found to be correct.

Of the 93 outworkers 19 were found to be correct, 30 were those of persons who had either given up or who had given a wrong address, the remaining 44 were outworkers residing outside your district.

### MAGISTERIAL PROCEEDINGS.

During the year under review the undermentioned prosecutions have taken place for offences set out opposite.

Prosecution taken under	Offence.	No. of cases	Fine and Cost.
Town's Police Clauses Act, 1847 .. ..	Chimney Firing .. ..	26	5 16 6
Ditto .. .. .	Plying for Hire without License	3	0 15 6
Food and Drugs Acts, 1875 to 1899 .. ..	Adulteration of Milk ..	7	10 4 0
Public Health Act, 1875	Disobedience of Order of Court (smoke cases) ..	7	18 6 6
			£35 2 6

### FACTORY AND WORKSHOP ACT, 1901.

#### BAKEHOUSES.

Since the passing of the above Act considerable improvement (from a health point of view) has taken place in places where bread and confectionery is made. The changed conditions of working cannot fail to have a beneficial effect upon those engaged in making such food, but it is somewhat difficult to prevent the employees from stopping up means provided for ventilation.

During the year under consideration 134 visits have been made to bakehouses, resulting in several notices being served to remove insanitary conditions found to exist.

There are only four bakehouses in the district which come within the definition of Section 101 of the Factory Act, 1901, each of which continues to be kept in order to the satisfaction of your authority.

#### LAUNDRIES.

In the district there are six laundries, four of which are classed as factories, and two as domestic laundries. To these several visits have been paid. On two instances insanitary conditions were found to exist, which were forthwith remedied on receipt of notice.

In conclusion I desire to acknowledge the services of my assistants, and to state that the Inspector's Clerk has passed the examining authority of the Royal Sanitary Institute, and been granted the usual Inspector's Certificate.

I am, Gentlemen,

Yours obediently,

ELLIS NUTTALL, A.M.R., San. Inst.,  
Sanitary Inspector.

COUNCIL OFFICES,

February 14th, 1906.

